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ABSTRACT

In November 1991, a follow-up study was conducted of 514 former students of Johnson County Community College (JCCC), in Kansas, who had earned a career program degree or certificate in 1990-91, or had been identified as leaving the college with marketable skills. Of these, 480 completed mail or telephone surveys for a response rate of 93%. Respondents working in jobs related to their program of study identified 273 employers who were subsequently mailed surveys. A total of 213 employers completed usable surveys for a 78% response rate. Study findings included the following: (1) more women and older students, and respondents less satisfied with their jobs were represented in the initial mail survey as compared to the telephone follow-up surveys; (2) just 74% of 1991 completers were employed in jobs related to their program of study, compared to 82% in 1990, and 80% in 1988; (3) nearly 10% of the respondents were out of the labor market and pursuing additional education, up from 6% in 1990; (4) the average hourly wage reported by 1991 completers was $11.28, up from $10.67 in 1990; (5) while 87% indicated satisfaction with their current job, only 48% rated their advancement potential as "excellent," or "good"; (6) nearly 84% of the respondents indicated that their JCCC experience had enhanced their self-confidence; (7) over 90% of the respondents were satisfied with the quality of instruction, the facilities and equipment, and the course content at JCCC; and (8) 90% of the employers of career program completers expressed satisfaction with all facets of the preparation of their employee. Detailed data tables and the survey instruments are included. (PAA)

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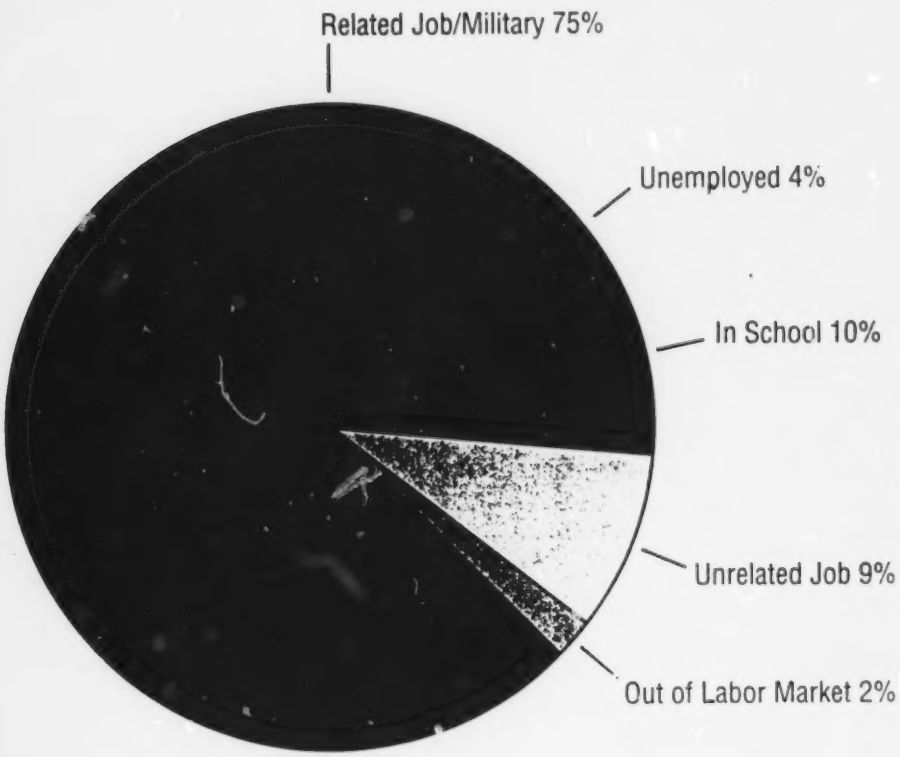

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September 1992

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FOLLOW-UP OF CAREER PROGRAM COMPLETERS

CLASS OF 1990-91

Johnson County Community College
Office of Institutional Research
12345 College Boulevard
Overland Park, KS 66210

September 1992

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INTRODUCTION

Each year the Office of Institutional Research at Johnson County Community College, as a major component of the college's overall plan to assess institutional effectiveness, conducts follow-up studies of students who completed a JCCC career program (or a co-op program through either Penn Valley or Maple Woods Community College) during the previous academic year, and of the employers of completers who are working in jobs related to their course of study. Results of these studies provide valuable insights into the effectiveness of the career programs. Findings also assist the college in planning to meet the individual needs of future students and the employment needs of business and industry.

Completer Survey Methodology

A list of 616 career program completers[1] was developed in the fall of 1991 by combining students earning degrees and certificates with those leaving the program with marketable skills. Completers leaving with marketable skills were identified by career program administrators in a program verification process conducted during the fall 1990 and spring 1991 semesters. Surveys and cover letters were mailed in November, with one follow-up mailing to nonrespondents in December of 1991. Efforts were made to contact remaining nonrespondents by telephone in January of 1992, and additional information secured through telephone contact with acquaintances of completers was utilized for a third mailing conducted in mid-January. The assistance of career program administrators was enlisted throughout the spring semester to locate as many remaining nonrespondents as possible.

A total of 102 former students were eliminated due to obsolete addresses and/or telephone numbers, reducing the list of potential respondents to 514. Of those, 480 completed surveys for an adjusted response rate of 93%.

Employer Survey Methodology

Respondents working in jobs related to their community college program identified a total of 273 employers who were subsequently surveyed by mail. The initial mailing on January 21, 1992 and one follow-up mailing on February 3, 1992 resulted in 213 completed employer surveys (78%).

Differences in Initial Mail vs. Telephone Respondents

A total of 215 telephone interviews were conducted, and 265 completers returned mail surveys. Of those, 243 resulted from the November/December mailings and 22 from efforts expended after the telephone interviews had been completed. Appendix E details comparisons of the 243 respondents who initially returned mail surveys and the 215 who were interviewed by telephone. The purpose of this

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[1] Note. The career program completer list excludes those incarcerated at the U.S. Army Disciplinary Barracks at Fort Leavenworth, Kansas.

comparison was to determine whether substantial differences were evident between completers willing to respond almost immediately and those who required a telephone call to elicit a response.

As is typical, a greater percent of females and older completers responded to the initial mailings than males or younger completers. However, approximately the same percent of respondents to mail vs. telephone surveys were employed, and their average hourly wage was nearly identical. Furthermore, fewer respondents to the initial mailings were satisfied with their jobs. Fully 94% of telephone respondents expressed satisfaction with their current job, compared to 75% of those who returned the November or December mail surveys.

A summary of the major findings of the study follows. Tables detailing results of the completer survey are located in Appendix A, and tabled results of the employer survey may be found in Appendix B. A list of tables is provided at the start of each appendix to facilitate location of specific data, and findings are presented by career program as often as possible to enhance the usefulness of results. Caution should be exercised when generalizing these data due to the relatively small number of respondents in some programs. Findings are not necessarily representative of either the number of students enrolled in each program or the salaries of all career program completers.

Comments or questions regarding this report or previous follow-up studies of career program completers may be directed to:

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MAJOR FINDINGS

Utilization of community college preparation

* A lesser percent of 1991 respondents were working in jobs related to their JCCC career program than has been evident for some time. This finding was somewhat anticipated in view of the current state of the economy. Just 74% of 1991 completers were employed in related jobs compared to 82% in 1990, 79% in 1989, and 80% in 1988 and in 1987.

* Approximately one in eight respondents working in a related job was employed part-time only (12.3%), about the same as in previous years.

* Possibly due to the less favorable employment market, a greater percent of 1991 respondents (nearly 10%) were out of the labor market and pursuing additional education than was reported in 1990 (6%) or 1989 (3%).

* It is typical at most community colleges to find a significant number of students entering a career program with prior related work experience. This year, as in the past, nearly one in three respondents who were working full-time in a related job had been employed in that job prior to attending the community college. Furthermore, 39% indicated their current related job was not their first job in that career field.

* The average hourly wage of respondents working full time in related jobs has exhibited consistent annual gains. The average hourly wage reported by 1991 completers was $11.28, up from $10.67 in 1990, $10.36 in 1989, $9.90 in 1988, and $9.39 in 1987.

* Respondents employed full time in jobs related to their course of study exhibited a positive attitude toward their work. Eight out of ten rated most aspects of their job as excellent or good, and 87% indicated satisfaction with their current job. However, only 48% rated their advancement potential as excellent or good, and 19% rated their current salary as fair or poor.

Community college experiences

* The method of completion for 1991 career program completers was about the same as in previous years. Approximately two out of three respondents had earned an associate's degree, 22% had earned a vocational certificate, and 9% left with marketable skills.

* A variety of cognitive and noncognitive skills were enhanced as a result of former students' college experiences. Nearly 84% of respondents reported feeling more self-confident, and 7 out of 10 indicated the community college had helped them to clarify their personal values and goals. The majority also reported improvement in their interpersonal skills, written and oral communication skills, the ability to manage time and make decisions effectively, knowledge of the arts and sciences, and tolerance for people and ideas as a result of their community college experiences.

Satisfaction with JCCC

* Respondents expressed satisfaction with JCCC in a variety of ways. For example, 9 out of 10 respondents indicated JCCC was their first choice and, if starting now, 93% would attend JCCC again. Nearly 97% indicated they would recommend JCCC to friends, and 83% would encourage their own children to attend JCCC.

* The vast majority of respondents were satisfied with most aspects of their experiences at the community college.

  Over 90% were satisfied with the quality of instruction, the facilities and equipment, and the course content.

  Eight out of 10 expressed satisfaction with the helpfulness and individual attention received from faculty, the variety of courses offered, and the usefulness and relevance of the coursework.

  Despite rapidly increasing enrollments, three out of four respondents continued to express satisfaction with the convenience of class scheduling and the registration process. However, only 47% expressed satisfaction with the job placement services, and just 34% were satisfied with the availability of scholarships and financial aid.

Current educational endeavors and future educational plans

* Despite recent completion of a career program, over 30% of respondents were currently enrolled in classes. Of those, nearly 60% were attending JCCC. The majority indicated their educational objective was either to improve their present job skills, prepare to transfer to a 4-year college or university, or to study topics of personal interest or for self-improvement.

* Only one in five respondents indicated no plans to eventually continue their education. Nearly 60% planned to enroll again within the next year and, of those, 57% planned to return to JCCC.

Employer perceptions

* Nine out of ten employers of career program completers working in jobs related to their course of study expressed satisfaction with all facets of the preparation their employee had received at the community college.

* The majority of employers anticipated hiring additional workers in the same career field within 3 to 5 years. The most job openings anticipated were in the areas of health care, data processing, office automation, and protective services (fire and police).

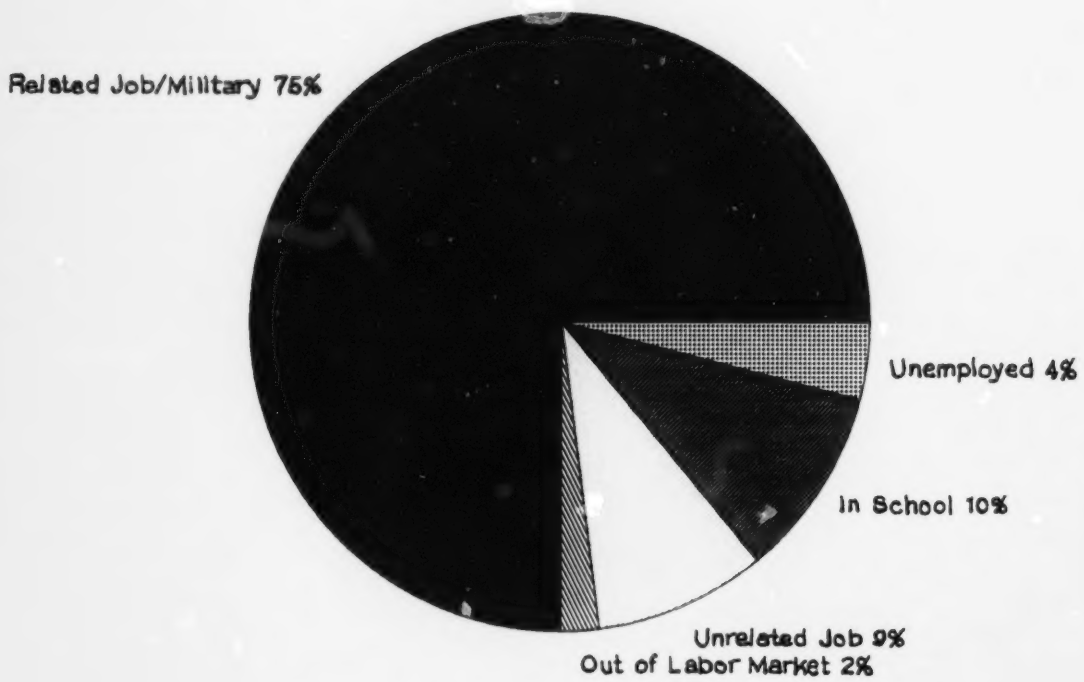
CURRENT STATUS

What percent of career program completers are working in jobs related to their course of study, and what are the other completers doing?

One of the primary purposes of conducting annual follow-up studies of career program completers is to determine how they utilize the skills developed through their course of study. Figure 1 depicts the current status of respondents to this year's follow-up study. Nearly three-fourths were working in jobs related to their course of study.

Table 2 in Appendix A details results and comparisons of findings for the past 5 years. The percent of completers who were unemployed, out of the labor force, or in the military remained relatively unchanged. However, the percent of respondents pursuing additional education or employed in either a related or unrelated job was less stable. Of particular interest, considering the present difficult economic situation, is the decrease in the percent of respondents employed in related jobs, and the increase in the percent who were pursuing additional education.

Figure 1
Current Status of
1991 Career Program Completers



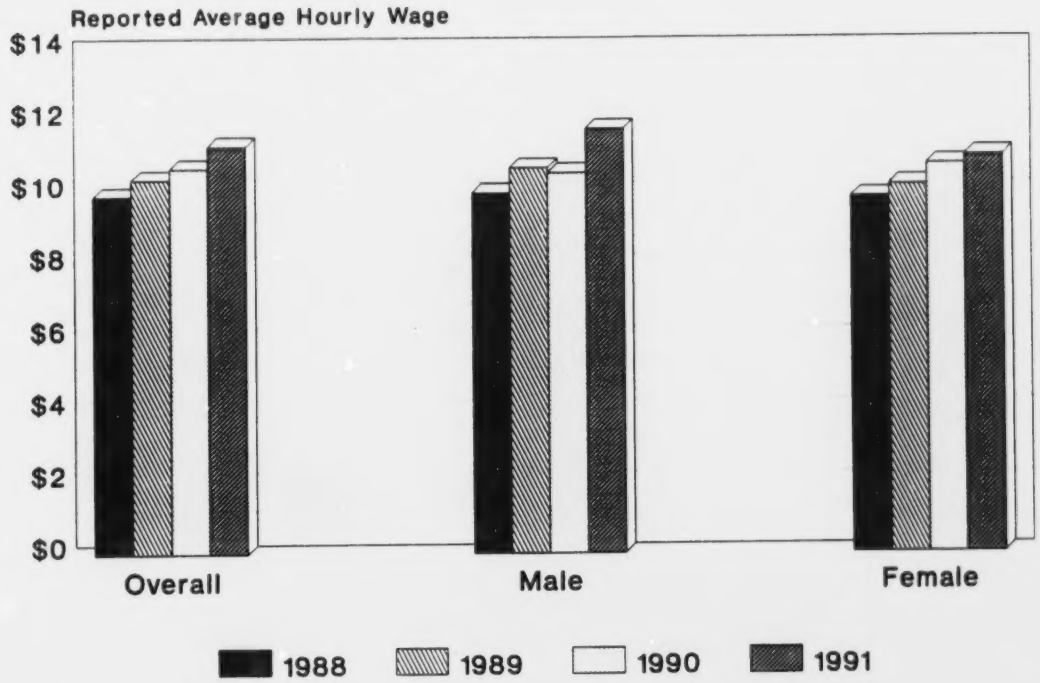
AVERAGE HOURLY WAGE

How much money does the average career program completer who is employed full-time in a related job earn?

The hourly wage data collected in the follow-up studies of career program completers is required for state and federal reporting, and is also an important component of the periodic employment, salary and placement data provided by the college to assist students in making informed career choices.

As Figure 2 depicts, the average hourly wage reported by respondents employed full-time in related jobs has increased from $9.90 reported by 1988 completers to $10.36 in 1989, $10.67 in 1990, and $11.28 in 1991. The average reported wage can differ substantially from one career program to another, and for males compared to females. Average reported hourly wages by program and gender are detailed in Appendix A, Tables 8 and 9.

Figure 2
Average Hourly Wage

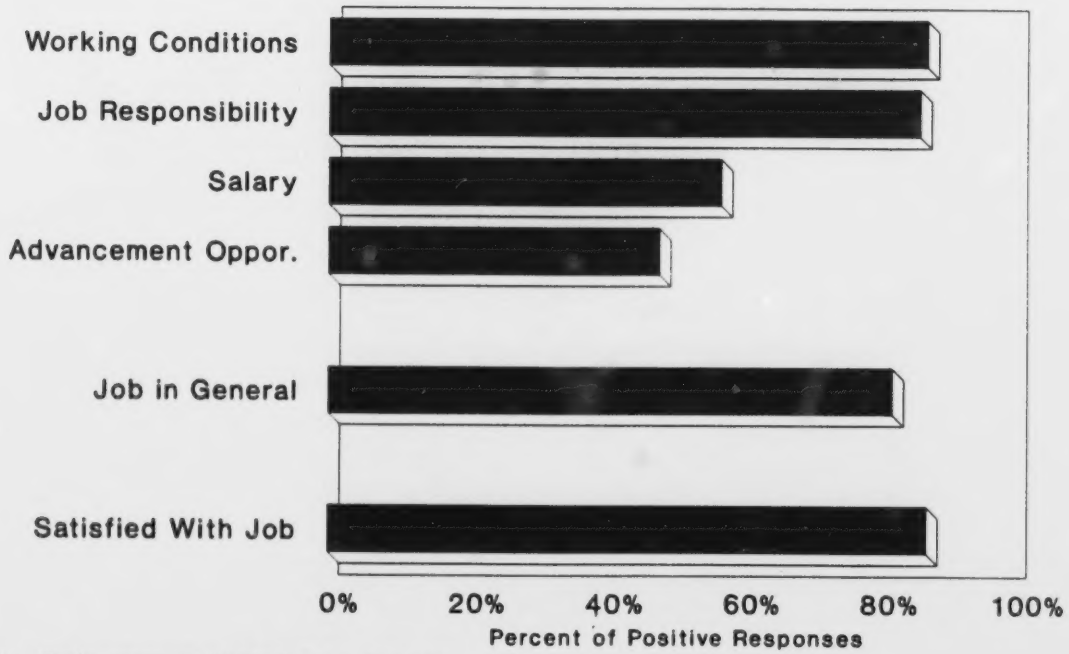


PERCEPTIONS OF CURRENT JOB

How positively do respondents view their current full-time job in a career field related to their course of study?

Another important objective of the annual follow-up study of career program completers is to ascertain respondent perceptions of their current full-time related job. Thus, respondents were asked to rate their job relative to working conditions, level of responsibility, advancement potential, salary, and the job in general. As Figure 3 depicts, although respondents viewed most aspects of their job in a positive manner, many did not view their salary or advancement potential as either excellent or good. However, the vast majority nonetheless expressed satisfaction with the job in general. See Tables 10 to 15 in Appendix A for results of findings by program.

Figure 3
Evaluation of Job

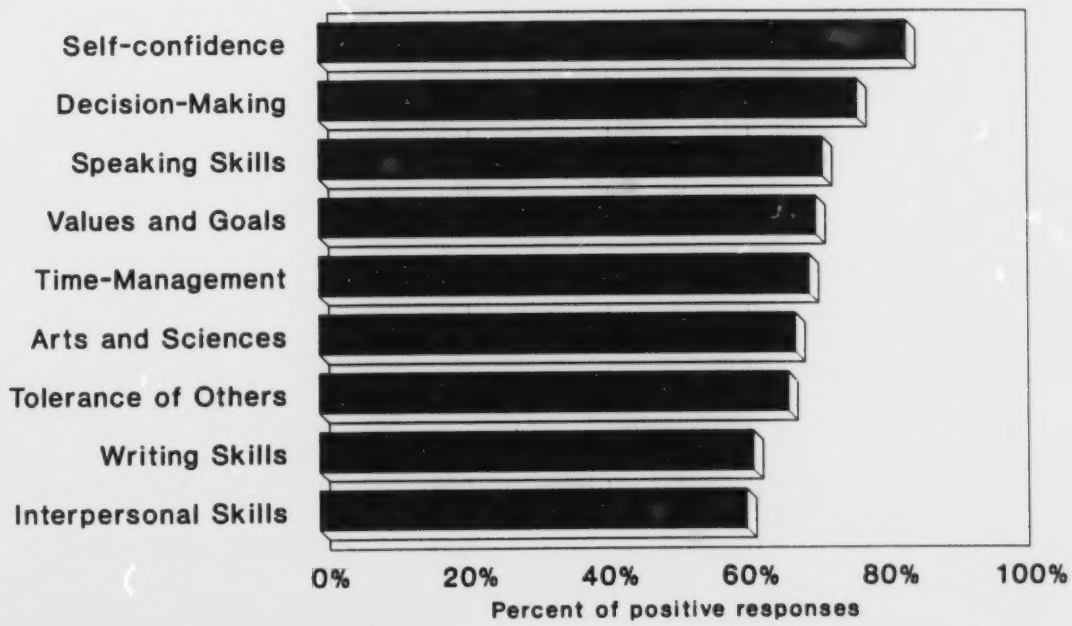


Note. Data were collected on a 5-point scale. Percentages reflect "excellent" and "good" responses combined.

In what specific areas do career program completers perceive themselves as having benefited from their community college experiences?

Respondents were asked to indicate how much they agreed that the community college had helped them to accomplish a variety of "typical" goals students have for their college experiences. As Figure 4 depicts, the majority of respondents reported improvements in a variety of cognitive and noncognitive behaviors. The greatest percentage of respondents indicated improvement in their self-confidence (84%), decision-making skills (77%) and oral communication skills (72%). See Table 19 in Appendix A for detailed results of findings.

Figure 4
Areas in Which the Community College
Helped Respondents to Improve



Note. Data were collected on a 5-point scale. Percentages reflect "agree" and "strongly agree" responses combined.

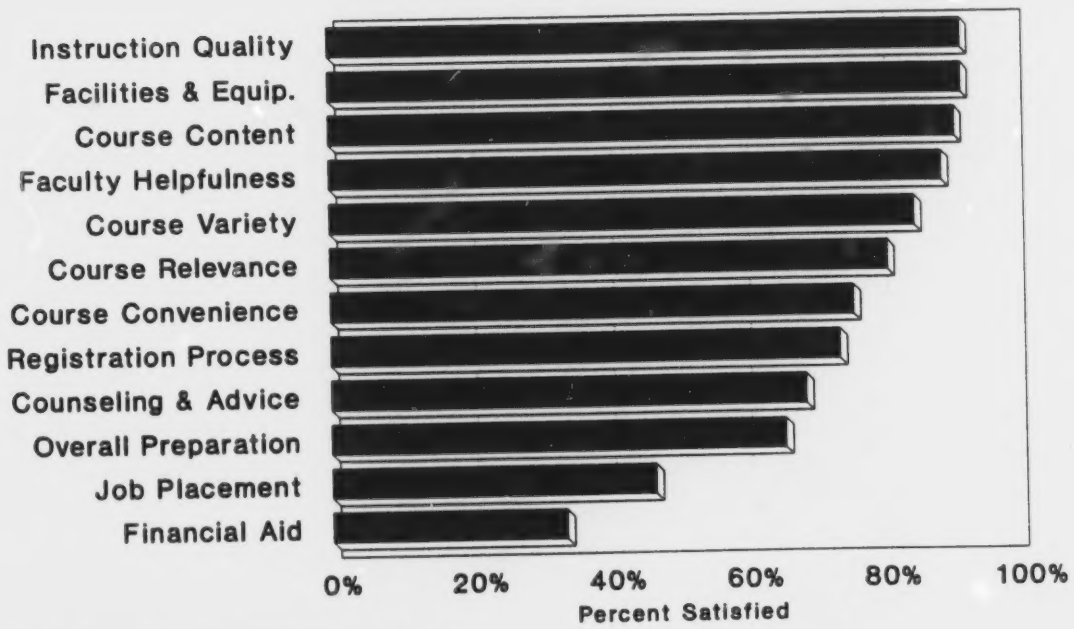
SATISFACTION WITH THE COMMUNITY COLLEGE

How satisfied were the 1991 career program completers with their community college experiences?

An important component of the ongoing assessment of institutional effectiveness that the JCCC Office of Institutional Research conducts is contained in former students' responses to this question. Thus, respondents were asked to indicate their level of satisfaction with a dozen common aspects of college life.

As Figure 5 depicts, the majority of respondents indicated satisfaction with 10 of the 12 facets of typical community college experiences. The relatively low percent of respondents expressing satisfaction with job placement services and the availability of financial aid may be at least partially attributable to the inability of some students to qualify for aid or find jobs. Of note is the fact that nearly 57% of respondents replying to the question on financial aid and 39% of those evaluating job placement services were neither satisfied nor dissatisfied, and only 9% and 14%, respectively, indicated dissatisfaction with these services. See Tables 20 to 28 in Appendix A for details of these findings.

Figure 5
Satisfaction With Various Aspects of the Community College



Note. Data were collected on a 5-point scale. Percentages reflect "somewhat" and "very" satisfied responses combined.

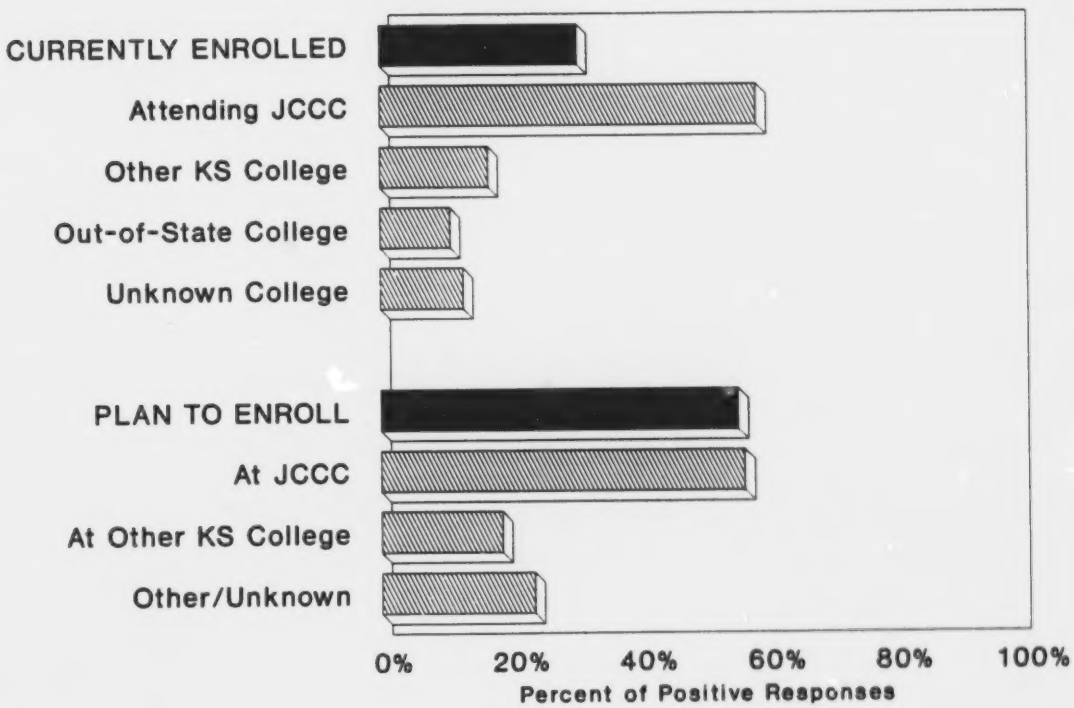
EDUCATIONAL ENDEAVORS AND PLANS

How many career program completers continue their educational pursuits after leaving the community college?

Completion of an educational program does not necessarily mean the end of educational pursuits, particularly in the current sociological climate which encourages lifetime learning. As Figure 6 depicts, nearly one in three 1991 career program completers were currently enrolled, and over 56% planned to enroll again within the next year. Less than 18% of respondents did not plan to participate in any more educational endeavors.

It is gratifying to note that of those currently enrolled, 59% were attending JCCC, and of those planning to enroll within the next year, nearly 58% planned to return to JCCC. See Tables 29 and 30 in Appendix A for detailed results of these findings.

Figure 6
Educational Endeavors and Plans



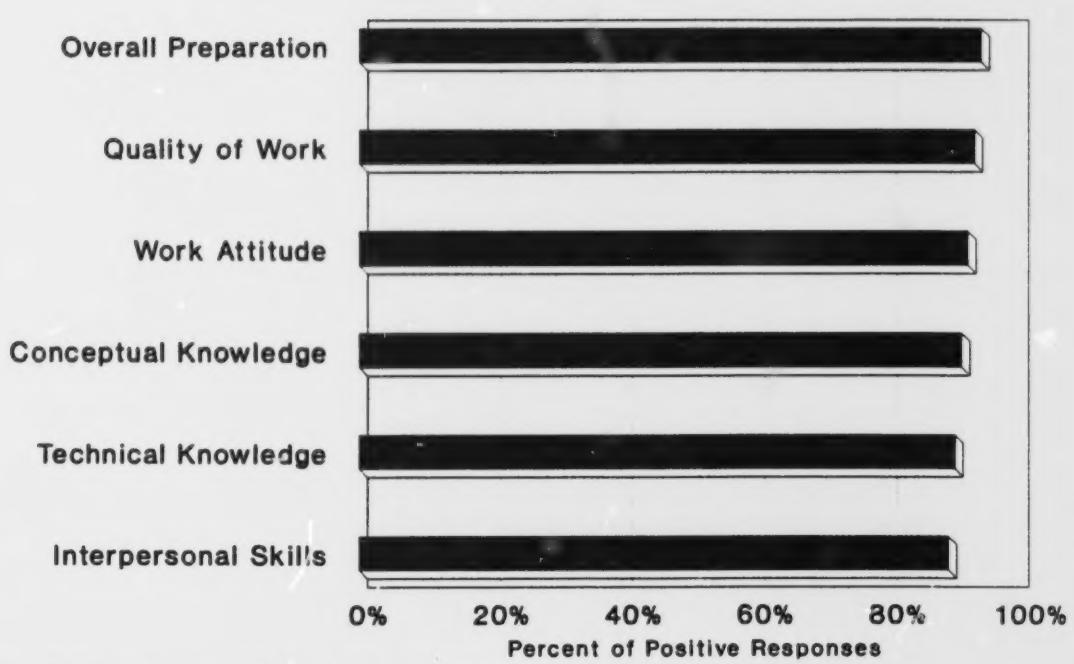
EMPLOYER PERCEPTIONS

How well do employers feel their employee has been prepared for the workplace?

Each year employers of recent career program completers who are working in related jobs are asked to evaluate the effectiveness of the preparation their employee received at the community college, and to offer suggestions for enhancing the program to meet the ever-changing technological requirements in most career fields. In this way, JCCC is aided in maintaining up-to-date, high quality programs designed to meet the needs of the workplace.

As Figure 7 depicts, employers were overwhelmingly positive in their evaluations of all aspects of their employee's preparation. Between 89% and 93% of employers responding to the survey rated their completer either "good" or "very good," and fewer than 4% rated any aspect of their employee's preparation as poor. See Tables 32 to 37 in Appendix B for details of results broken down by the career program completed.

Figure 7
Employer Evaluations



Note. Data were collected on a 5-point scale. Percentages reflect "very good" and "good" responses combined.

APPENDIX A

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Table 1

DEMOGRAPHIC PROFILE

		Number of Responses	Percent
Sex			
Male		192	40.0%
Female		283	59.0
Unknown		5	1.0
Age			
17 to 20 years old		9	1.9%
21 to 25		155	32.3
26 to 30		88	18.3
31 to 35		79	16.5
36 to 40		63	13.1
41 to 50		52	10.8
Over 50		14	2.9
Unknown		20	4.2
	Mean = 30.97		
	Median = 28.86		
Race			
White		450	93.8%
Black		7	1.5
Hispanic		6	1.3
Asian or Pacific		4	0.8
Indian or Alaskan		3	0.6
Unknown		10	2.0
Marital Status			
Never married		170	35.4%
Currently married		222	46.3
Previously married		58	12.1
Unknown		30	6.2
Family Income			
Under $ 20,000		95	19.8%
$20,001 to 40,000		177	36.9
40,001 to 60,000		99	20.6
60,001 to 80,000		49	10.2
80,001 to 100,000		18	3.7
Over 100,000		13	2.7
Unknown		29	6.1

Table 2

CURRENT STATUS
- BY PROGRAM -

	Number of Responses	Employed in Job Related to Training	Employed in Job Unrelated to Training	Pursuing Additional Education	Unemployed; Not Pursuing Education	Not in Labor Force; Not Pursuing Ed.	Military /Unknown
Accounting	2	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Administration of Justice	6	66.7	0.0	33.3	0.0	0.0	0.0
Automotive Technology	13	76.9	15.4	7.7	0.0	0.0	0.0
Biomedical Equipment	2	100.0	0.0	0.0	0.0	0.0	0.0
Business Administration	15	66.7	6.7	26.6	0.0	0.0	0.0
Chef Apprentice	4	100.0	0.0	0.0	0.0	0.0	0.0
Civil Engineering Technology	2	100.0	0.0	0.0	0.0	0.0	0.0
Commercial Art	29	76.0	3.4	7.0	3.4	3.4	6.8
Computer Systems Tech.	10	60.0	20.0	10.0	10.0	0.0	0.0
Data Processing	53	79.2	7.5	5.7	3.8	3.8	0.0
Dental Hygiene	12	100.0	0.0	0.0	0.0	0.0	0.0
Drafting Technology	10	80.0	20.0	0.0	0.0	0.0	0.0
Electronics Engr. Tech.	8	62.5	12.5	25.0	0.0	0.0	0.0
Emergency Medical Tech.	49	57.1	8.2	28.6	6.1	0.0	0.0
Fashion Merchandising	4	75.0	0.0	0.0	0.0	25.0	0.0
Fire Science	7	71.4	0.0	14.3	14.3	0.0	0.0
HVAC Technology	12	50.0	8.3	33.4	8.3	0.0	0.0
Health Information Technology	5	80.0	20.0	0.0	0.0	0.0	0.0
Hospitality Management	16	75.0	6.3	12.4	6.3	0.0	0.0

Note. Employed respondents who were also pursuing additional education appear in the appropriate employment category only.

Table 2 (Continued)

CURRENT STATUS
- BY PROGRAM -

	Number of Responses	Employed in Jop Related to Training	Employed in Job Unrelated to Training	Pursuing Additional Education	Unemployed; Not Pursuing Education	Not in Labor Force; Not Pursuing Ed.	Military /Unknown
Interior Merchandising	13	61.5%	15.4%	0.0%	0.0%	23.1%	0.0%
Interpreter Training	12	83.4	8.3	8.3	0.0	0.0	0.0
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0	0.0	0.0	0.0
Manufacturing Technology	2	100.0	0.0	0.0	0.0	0.0	0.0
Marketing & Management	13	76.9	0.0	7.7	15.4	0.0	0.0
Nursing	34	94.2	0.0	0.0	2.9	2.9	0.0
Office Automation Technology	6	100.0	0.0	0.0	0.0	0.0	0.0
Office Careers	17	58.8	11.8	11.8	11.8	0.0	5.8
Paralegal	75	60.0	18.7	6.7	5.3	6.7	2.6
Physical Therapy Assistant	6	100.0	0.0	0.0	0.0	0.0	0.0
Police Academy	22	90.9	9.1	0.0	0.0	0.0	0.0
Radiologic Technology	5	100.0	0.0	0.0	0.0	0.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0	0.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0	0.0	0.0	0.0
1991 Totals (33 programs)	480	74.2%	8.5%	9.6%	4.0%	2.7%	1.0%
1990 (35 programs)	411	81.5%	6.3%	5.8%	3.4%	2.7%	0.3%
1989 (32 programs)	329	79.2	11.0	3.4	4.0	1.8	0.6
1988 (32 programs)	312	80.1	6.1	4.8	6.1	2.2	0.7
1987 (34 programs)	291	79.5	5.5	4.4	1.6	3.8	5.2

Note. Employed respondents who were also pursuing additional education appear in the appropriate employment category only.

Table 3

USE OF CAREER PROGRAM SKILLS
- BY PROGRAM -

	Number of Responses	On the Job	Volunteer Work	Not Using Skills	Other/ Unknown
Accounting	2	100.0%	0.0%	0.0%	0.0%
Administration of Justice	6	66.7	0.0	0.0	33.3
Automotive Technology	13	76.9	0.0	15.4	7.7
Biomedical Equipment	2	100.0	0.0	0.0	0.0
Business Administration	15	73.3	6.7	13.3	6.7
Chef Apprentice	4	100.0	0.0	0.0	0.0
Civil Engineering Technology	2	100.0	0.0	0.0	0.0
Commercial Art	28	75.0	10.7	14.3	0.0
Computer Systems Technology	10	70.0	0.0	30.0	0.0
Data Processing	53	84.9	1.9	13.2	0.0
Dental Hygiene	12	100.0	0.0	0.0	0.0
Drafting Technology	10	80.0	0.0	20.0	0.0
Electronics Engr. Technology	8	50.0	0.0	50.0	0.0
Emergency Medical Technology	49	59.2	14.3	22.4	4.1
Fashion Merchandising	4	75.0	0.0	25.0	0.0
Fire Science	7	85.7	0.0	0.0	14.3
HVAC Technology	12	58.3	0.0	33.3	8.4
Health Information Technology	5	80.0	20.0	0.0	0.0
Hospitality Management	15	80.0	0.0	0.0	20.0
Interior Merchandising	13	61.5	0.0	30.8	7.7
Interpreter Training	11	90.9	0.0	9.1	0.0
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0	0.0
Manufacturing Technology	2	100.0	0.0	0.0	0.0
Marketing & Management	13	69.2	0.0	15.4	15.4
Nursing	34	94.1	0.0	5.9	0.0
Office Automation Technology	6	100.0	0.0	0.0	0.0
Office Careers	17	70.6	0.0	23.5	5.9
Paralegal	75	54.7	2.7	38.7	3.9
Physical Therapy Assistant	6	100.0	0.0	0.0	0.0
Police Academy	22	91.0	0.0	4.5	4.5
Radiologic Technology	5	100.0	0.0	0.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0	0.0
Totals	476	75.4%	3.2%	17.4%	4.0%

Table 4

EMPLOYMENT PROFILE OF RESPONDENTS EMPLOYED
IN FULL-TIME RELATED JOBS

	Number of Responses	Percent
Length of Time on Current Job		
6 months or less	86	27.4%
7 to 12 months	82	26.1
1 to 2 years	50	15.9
2 to 4 years	37	11.8
Over 4 years	51	16.2
Unknown	8	2.6
Employed in Current Job Prior to JCCC		
Yes	99	31.5%
No	211	67.2
Unknown	4	1.3
First Full-Time Job in Career Field		
Yes	186	59.2%
No	123	39.2
Unknown	5	1.6
Hourly Wage		
Under $ 5.00	2	0.6%
5.01 - 7.00	35	11.1
7.01 - 8.00	22	7.0
8.01 - 9.00	40	12.7
9.01 - 10.00	31	9.9
10.01 - 11.00	27	8.6
11.01 - 12.00	26	8.3
12.01 - 13.00	13	4.1
13.01 - 14.00	21	6.7
14.01 - 15.00	23	7.3
Over $15.00	40	12.7
Unknown	34	11.0

1991 Average hourly wage = $11.28

1990 = $10.67
1989 = 10.36
1988 = 9.90
1987 = 9.39

Table 5

CURRENT EMPLOYMENT STATUS OF
RESPONDENTS WORKING IN RELATED JOB
- BY PROGRAM -

	Number of Responses	Part-time	Full-time
Accounting	2	50.0%	50.0%
Administration of Justice	4	50.0	50.0
Automotive Technology	10	20.0	80.0
Biomedical Equipment	2	50.0	50.0
Business Administration	10	10.0	90.0
Chef Apprentice	4	0.0	100.0
Civil Engineering Technology	2	0.0	100.0
Commercial Art	23	30.4	69.6
Computer Systems Technology	6	16.7	83.3
Data Processing	42	4.8	95.2
Dental Hygiene	12	16.7	83.3
Drafting Technology	8	0.0	100.0
Electronics Engr. Technology	5	0.0	100.0
Emergency Medical Technology	28	25.0	75.0
Fashion Merchandising	3	0.0	100.0
Fire Science	5	0.0	100.0
HVAC Technology	6	0.0	100.0
Health Information Technology	4	0.0	100.0
Hospitality Management	12	0.0	100.0
Interior Merchandising	8	62.5	37.5
Interpreter Training	10	20.0	80.0
M.I.C.T. (Paramedic)	9	0.0	100.0
Manufacturing Technology	2	0.0	100.0
Marketing & Management	10	30.0	70.0
Nursing	32	3.1	96.9
Office Automation Technology	6	0.0	100.0
Office Careers	11	9.1	90.9
Paralegal	45	8.9	91.1
Physical Therapy Assistant	6	16.7	83.3
Police Academy	20	0.0	100.0
Radiologic Technology	5	20.0	80.0
Respiratory Therapy	4	0.0	100.0
Veterinary Technology	2	0.0	100.0
Totals	358	12.3%	87.7%

Table 6

CURRENT RELATED JOB ATTAINED
PRIOR TO ATTENDING JCCC
- BY PROGRAM -

	Number of Responses	Yes	No
Accounting	2	50.0%	50.0%
Administration of Justice	3	0.0	100.0
Automotive Technology	10	20.0	80.0
Biomedical Equipment	2	0.0	100.0
Business Administration	10	70.0	30.0
Chef Apprentice	4	100.0	0.0
Civil Engineering Technology	2	100.0	0.0
Commercial Art	23	13.0	87.0
Computer Systems Technology	6	0.0	100.0
Data Processing	41	26.8	73.2
Dental Hygiene	12	8.3	91.7
Drafting Technology	8	12.5	87.5
Electronics Engr. Technology	5	40.0	60.0
Emergency Medical Technology	27	40.7	59.3
Fashion Merchandising	3	0.0	100.0
Fire Science	5	100.0	0.0
HVAC Technology	5	80.0	20.0
Health Information Technology	4	25.0	75.0
Hospitality Management	12	16.7	83.3
Interior Merchandising	8	50.0	50.0
Interpreter Training	10	10.0	90.0
M.I.C.T. (Paramedic)	9	22.2	77.8
Manufacturing Technology	2	50.0	50.0
Marketing & Management	10	60.0	40.0
Nursing	31	9.7	90.3
Office Automation Technology	6	33.3	66.7
Office Careers	11	27.3	72.7
Paralegal	45	17.8	82.2
Physical Therapy Assistant	6	16.7	83.3
Police Academy	19	100.0	0.0
Radiologic Technology	5	0.0	100.0
Respiratory Therapy	4	0.0	100.0
Veterinary Technology	2	0.0	100.0
Totals	352	30.4%	69.6%

Note. Results detail responses to this question only, excluding unknowns.

Table 7

JOB-HUNTING EXPERIENCES

	Number of Responses	Percent
Used JCCC Career Center Services While Attending JCCC		
Yes	209	43.5%
No	267	55.6
Unknown	4	0.9
Other Assistance With Job Search[1]		
No help--found job on own	131	56.2%
Coordinators and instructors helped	46	19.0
Family and friends helped	36	15.0
JCCC workshops helped	16	7.2
Other assistance	15	8.8
Other placement services helped	10	4.6

Note. [1] Results provided for employed respondents only. Multiple response item; numbers and percentages are not additive.

Table 8

AVERAGE HOURLY WAGE BY SEX AND PROGRAM
OF RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

	Number of Responses	Overall Average Wage	Males	Females
Accounting	1	$15.00	N/A	$15.00
Administration of Justice	2	11.80	$11.80	N/A
Automotive Technology	8	8.19	8.19	N/A
Biomedical Equipment	1	10.50	10.50	N/A
Business Administration	9	13.09	14.01	8.49
Chef Apprentice	4	12.80	14.35	11.25
Civil Engineering Technology	2	10.50	13.00	8.00
Commercial Art	16	8.44	9.32	7.67
Computer Systems Technology	3	9.99	10.36	8.50
Data Processing	40	12.91	13.83	12.25
Dental Hygiene	10	17.12	N/A	17.12
Drafting Technology	8	9.42	9.33	10.00
Electronics Engr. Technology	5	16.28	16.28	N/A
Emergency Medical Technology	21	8.51	9.28	6.68
Fashion Merchandising	3	6.90	N/A	6.90
Fire Science	5	12.80	12.80	N/A
HVAC Technology	6	12.80	12.80	N/A
Health Information Technology	4	10.32	N/A	10.32
Hospitality Management	12	8.13	8.76	7.98
Interior Merchandising	3	15.00	N/A	15.00
Interpreter Training	8	10.42	N/A	10.42
M.I.C.T. (Paramedic)	9	9.33	8.93	10.51
Manufacturing Technology	2	19.00	19.00	N/A
Marketing & Management	7	12.99	15.23	11.31
Nursing	31	15.11	17.67	14.68
Office Automation Technology	6	10.48	N/A	10.48
Office Careers	10	8.32	N/A	8.32
Paralegal	41	9.54	7.60	9.65
Physical Therapy Assistant	5	10.49	N/A	10.49
Police Academy	20	12.18	12.29	11.27
Radiologic Technology	4	10.35	8.25	11.05
Respiratory Therapy	4	10.00	N/A	10.00
Veterinary Technology	2	8.10	N/A	8.10
Overall Average Hourly Wage	314	$11.28	$11.74	$10.98

Note. Results detail responses to this question only, excluding unknowns.

Table 9

AVERAGE HOURLY ENTRY-LEVEL WAGE OF
RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

	Number of Responses	Average Hourly Wage
Administration of Justice	2	11.80
Automotive Technology	4	8.00
Biomedical Equipment	1	10.50
Business Administration	2	8.50
Chef Apprentice	2	11.25
Commercial Art	11	7.78
Computer Systems Technology	4	8.36
Data Processing	19	11.36
Drafting Technology	5	9.49
Emergency Medical Technology	11	7.11
Fashion Merchandising	1	6.50
HVAC Technology	1	12.00
Health Information Technology	2	9.30
Hospitality Management	9	8.09
Interpreter Training	7	10.42
M.I.C.T. (Paramedic)	3	9.96
Marketing & Management	2	15.50
Office Automation Technology	2	9.99
Office Careers	4	7.63
Paralegal	22	9.12
Physical Therapy Assistant	4	10.15
Police Academy	9	11.71
Radiologic Technology	1	12.45
Respiratory Therapy	3	9.83
Veterinary Technology	1	7.20
1991 Average Entry-Level Hourly Wage	168	$10.93
1990	164	10.41
1989	129	9.44

Note. Entry level wage is defined as earnings of respondents employed in current job one year or less. Results detail responses to this question only, excluding unknowns.

Table 10

EVALUATION OF WORKING CONDITIONS
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	2	100.0	0.0	0.0
Automotive Technology	8	87.5	0.0	12.5
Biomedical Equipment	1	100.0	0.0	0.0
Business Administration	9	77.8	22.2	0.0
Chef Apprentice	4	75.0	25.0	0.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	16	81.3	6.2	12.5
Computer Systems Technology	5	100.0	0.0	0.0
Data Processing	37	83.8	10.8	5.4
Dental Hygiene	10	80.0	20.0	0.0
Drafting Technology	8	87.5	12.5	0.0
Electronics Engr. Technology	5	100.0	0.0	0.0
Emergency Medical Technology	20	90.0	0.0	10.0
Fashion Merchandising	3	33.3	66.7	0.0
Fire Science	5	80.0	0.0	20.0
HVAC Technology	5	100.0	0.0	0.0
Health Information Technology	4	100.0	0.0	0.0
Hospitality Management	12	100.0	0.0	0.0
Interior Merchandising	3	100.0	0.0	0.0
Interpreter Training	6	83.3	16.7	0.0
M.I.C.T. (Paramedic)	9	77.8	22.2	0.0
Manufacturing Technology	2	0.0	100.0	0.0
Marketing & Management	7	85.7	0.0	14.3
Nursing	30	86.7	10.0	3.3
Office Automation Technology	6	66.7	33.3	0.0
Office Careers	10	90.0	10.0	0.0
Paralegal	41	87.8	7.3	4.9
Physical Therapy Assistant	5	100.0	0.0	0.0
Police Academy	19	89.4	5.3	5.3
Radiologic Technology	4	100.0	0.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0
Totals	305	86.6%	9.1%	4.3%

Note. Results detail responses to this question only, excluding unknowns.

Table 11

EVALUATION OF LEVEL OF JOB RESPONSIBILITY
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	2	100.0	0.0	0.0
Automotive Technology	8	87.5	12.5	0.0
Biomedical Equipment	1	100.0	0.0	0.0
Business Administration	9	77.8	11.1	11.1
Chef Apprentice	4	100.0	0.0	0.0
Civil Engineering Technology	2	50.0	50.0	0.0
Commercial Art	16	75.0	18.7	6.3
Computer Systems Technology	5	100.0	0.0	0.0
Data Processing	37	75.7	18.9	5.4
Dental Hygiene	10	70.0	30.0	0.0
Drafting Technology	8	75.0	12.5	12.5
Electronics Engr. Technology	5	60.0	20.0	20.0
Emergency Medical Technology	20	90.0	10.0	0.0
Fashion Merchandising	3	66.7	0.0	33.3
Fire Science	5	100.0	0.0	0.0
HVAC Technology	5	80.0	20.0	0.0
Health Information Technology	4	100.0	0.0	0.0
Hospitality Management	12	83.3	0.0	16.7
Interior Merchandising	3	100.0	0.0	0.0
Interpreter Training	6	66.7	33.3	0.0
M.I.C.T. (Paramedic)	9	88.9	11.1	0.0
Manufacturing Technology	2	50.0	50.0	0.0
Marketing & Management	7	71.4	14.3	14.3
Nursing	30	100.0	0.0	0.0
Office Automation Technology	6	100.0	0.0	0.0
Office Careers	10	90.0	0.0	10.0
Paralegal	41	87.8	9.8	2.4
Physical Therapy Assistant	5	100.0	0.0	0.0
Police Academy	19	94.7	5.3	0.0
Radiologic Technology	4	100.0	0.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0
Totals	305	85.9%	10.2%	3.9%

Note. Results detail responses to this question only, excluding unknowns.

Table 12

EVALUATION OF ADVANCEMENT POTENTIAL
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	1	0.0%	100.0%	0.0%
Administration of Justice	2	0.0	50.0	50.0
Automotive Technology	8	62.5	0.0	37.5
Biomedical Equipment	1	100.0	0.0	0.0
Business Administration	9	22.2	22.2	55.6
Chef Apprentice	4	25.0	25.0	50.0
Civil Engineering Technology	2	0.0	50.0	50.0
Commercial Art	16	50.0	18.8	31.2
Computer Systems Technology	5	60.0	20.0	20.0
Data Processing	36	50.0	30.6	19.4
Dental Hygiene	9	11.1	55.6	33.3
Drafting Technology	8	62.5	25.0	12.5
Electronics Engr. Technology	4	25.0	25.0	50.0
Emergency Medical Technology	20	55.0	20.0	25.0
Fashion Merchandising	3	33.3	0.0	66.7
Fire Science	5	80.0	0.0	20.0
HVAC Technology	5	20.0	40.0	40.0
Health Information Technology	4	75.0	0.0	25.0
Hospitality Management	12	66.6	16.7	16.7
Interior Merchandising	2	100.0	0.0	0.0
Interpreter Training	6	83.3	16.7	0.0
M.I.C.T. (Paramedic)	9	33.3	44.5	22.2
Manufacturing Technology	2	50.0	50.0	0.0
Marketing & Management	7	71.4	0.0	28.6
Nursing	30	66.6	26.7	6.7
Office Automation Technology	6	50.0	33.3	16.7
Office Careers	10	20.0	30.0	50.0
Paralegal	37	35.1	16.3	48.6
Physical Therapy Assistant	5	40.0	60.0	0.0
Police Academy	19	52.6	15.8	31.6
Radiologic Technology	4	50.0	25.0	25.0
Respiratory Therapy	4	50.0	50.0	0.0
Veterinary Technology	2	0.0	50.0	50.0
Totals	297	48.1%	24.3%	27.6%

Note. Results detail responses to this question only, excluding unknowns.

Table 13

EVALUATION OF SALARY
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	2	50.0	50.0	0.0
Automotive Technology	8	62.5	12.5	25.0
Biomedical Equipment	1	100.0	0.0	0.0
Business Administration	9	33.3	33.3	33.3
Chef Apprentice	4	50.0	50.0	0.0
Civil Engineering Technology	2	50.0	50.0	0.0
Commercial Art	16	56.3	12.4	31.3
Computer Systems Technology	5	20.0	60.0	20.0
Data Processing	37	62.2	27.0	10.8
Dental Hygiene	10	100.0	0.0	0.0
Drafting Technology	7	42.9	57.1	0.0
Electronics Engr. Technology	5	60.0	40.0	0.0
Emergency Medical Technology	20	25.0	40.0	35.0
Fashion Merchandising	3	33.3	0.0	66.7
Fire Science	5	60.0	40.0	0.0
HVAC Technology	5	60.0	40.0	0.0
Health Information Technology	4	75.0	0.0	25.0
Hospitality Management	12	66.7	8.3	25.0
Interior Merchandising	2	50.0	50.0	0.0
Interpreter Training	6	50.0	33.3	16.7
M.I.C.T. (Paramedic)	9	55.6	22.2	22.2
Manufacturing Technology	2	100.0	0.0	0.0
Marketing & Management	7	85.7	0.0	14.3
Nursing	30	86.7	13.3	0.0
Office Automation Technology	6	66.6	16.7	16.7
Office Careers	10	30.0	20.0	50.0
Paralegal	40	47.5	30.0	22.5
Physical Therapy Assistant	5	60.0	0.0	40.0
Police Academy	19	47.4	26.3	26.3
Radiologic Technology	4	75.0	0.0	25.0
Respiratory Therapy	4	50.0	50.0	0.0
Veterinary Technology	2	50.0	0.0	50.0
Totals	302	57.3%	24.2%	18.5%

Note. Results detail responses to this question only, excluding unknowns.

Table 14

EVALUATION OF JOB IN GENERAL
BY RESPONDENTS EMPLOYED FULL TIME IN RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	2	50.0	50.0	0.0
Automotive Technology	8	75.0	12.5	12.5
Biomedical Equipment	1	100.0	0.0	0.0
Business Administration	9	66.7	11.1	22.2
Chef Apprentice	4	100.0	0.0	0.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	16	56.3	12.5	31.2
Computer Systems Technology	5	100.0	0.0	0.0
Data Processing	37	78.4	18.9	2.7
Dental Hygiene	10	80.0	20.0	0.0
Drafting Technology	8	87.5	12.5	0.0
Electronics Engr. Technology	5	80.0	20.0	0.0
Emergency Medical Technology	20	85.0	10.0	5.0
Fashion Merchandising	3	33.3	0.0	66.7
Fire Science	5	80.0	20.0	0.0
HVAC Technology	5	100.0	0.0	0.0
Health Information Technology	4	75.0	25.0	0.0
Hospitality Management	12	91.7	8.3	0.0
Interior Merchandising	3	100.0	0.0	0.0
Interpreter Training	6	83.3	16.7	0.0
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0
Manufacturing Technology	2	50.0	0.0	50.0
Marketing & Management	7	85.7	14.3	0.0
Nursing	30	93.3	6.7	0.0
Office Automation Technology	6	66.6	16.7	16.7
Office Careers	10	70.0	20.0	10.0
Paralegal	41	75.6	12.2	12.2
Physical Therapy Assistant	5	100.0	0.0	0.0
Police Academy	19	94.7	5.3	0.0
Radiologic Technology	4	100.0	0.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0
Totals	305	82.3%	11.1%	6.6%

Note. Results detail responses to this question only, excluding unknowns.

Table 15

SATISFACTION WITH FULL-TIME RELATED JOB
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	2	50.0	50.0	0.0
Automotive Technology	8	75.0	12.5	12.5
Biomedical Equipment	1	100.0	0.0	0.0
Business Administration	8	75.0	0.0	25.0
Chef Apprentice	4	75.0	25.0	0.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	16	87.5	0.0	12.5
Computer Systems Technology	5	100.0	0.0	0.0
Data Processing	38	81.6	18.4	0.0
Dental Hygiene	10	80.0	10.0	10.0
Drafting Technology	8	87.5	0.0	12.5
Electronics Engr. Technology	5	100.0	0.0	0.0
Emergency Medical Technology	20	90.0	0.0	10.0
Fashion Merchandising	3	33.3	0.0	66.7
Fire Science	5	80.0	20.0	0.0
HVAC Technology	5	100.0	0.0	0.0
Health Information Technology	4	100.0	0.0	0.0
Hospitality Management	12	83.3	0.0	16.7
Interior Merchandising	3	100.0	0.0	0.0
Interpreter Training	7	100.0	0.0	0.0
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0
Manufacturing Technology	2	50.0	50.0	0.0
Marketing & Management	7	85.7	0.0	14.3
Nursing	30	100.0	0.0	0.0
Office Automation Technology	6	66.6	16.7	16.7
Office Careers	10	80.0	0.0	20.0
Paralegal	41	80.5	4.9	14.6
Physical Therapy Assistant	5	100.0	0.0	0.0
Police Academy	19	100.0	0.0	0.0
Radiologic Technology	4	100.0	0.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0
Totals	306	87.3%	5.2%	7.5%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 16

COMMUNITY COLLEGE EXPERIENCES

	Number of Responses	Percent
Method of Career Program Completion		
Earned associate's degree	323	67.3%
Earned vocational certificate	107	22.3
Left with marketable skills	44	9.2
Unknown	6	1.2
Semesters Enrolled in Career Program		
1 or 2	83	17.3%
3 or 4	139	29.0
5 or 6	129	26.9
7 or 8	50	10.4
9 or more	54	11.3
Unknown	25	5.1
Median = 4.6 semesters		
Credit Hours Completed		
15 or less	40	8.3%
16 to 30	46	9.6
31 to 45	38	7.9
46 to 60	49	10.2
61 to 70	131	27.3
71 or more	108	22.5
Unknown	68	14.2
Median = 64.1 credit hours		
College Grades		
Mostly A	166	34.6%
Mostly A and B	152	31.7
Mostly B	75	15.6
Mostly B and C	59	12.3
Mostly C	15	3.1
Mostly C and D	2	0.4
Mostly F	1	0.2
Unknown	10	2.1

Table 17

COMMUNITY COLLEGE EDUCATIONAL OBJECTIVE

	Number of Responses	Percent
Original Educational Objective		
Prepare to enter job market	168	35.0%
Improve skills for present job	91	19.0
Prepare to transfer	89	18.5
Prepare to change careers	68	14.2
Explore career possibilities	41	8.5
Study topics of interest/self-improvement	20	4.2
Remedy or review basic skills	3	0.6
Changed Educational Objective		
Yes	82	17.1%
No	398	82.9
New Educational Objective		
Prepare to enter job market	42	51.2%
Improve skills for present job	1	1.2
Prepare to transfer	14	17.1
Explore career possibilities	5	6.1
Prepare to change careers	10	12.2
Unknown	10	12.2
Achieved Community College Objective		
Yes, completely	385	80.2%
Yes, partially	76	15.8
No	17	3.5
Unknown	2	0.5
Community College Helped Achieve Objective		
Yes	438	91.3%
Unsure	16	3.3
No	5	1.0
Unknown	21	4.4

Table 18

OVERALL SATISFACTION WITH
THE COMMUNITY COLLEGE

	Number of Responses	Percent
JCCC Was First Choice		
Yes	438	91.3%
No	41	8.5
Unknown	1	0.2
Improved Quality of Life		
Definitely/probably	432	90.0%
Uncertain	26	5.4
Probably no/definitely no	22	4.6
If Starting Now, Would Attend JCCC Again		
Definitely/probably	446	92.9%
Uncertain	14	2.9
Probably no/definitely no	18	3.7
Unknown	2	0.5
Would Recommend JCCC to Friends		
Yes	465	96.9%
Unsure	11	2.3
No	4	0.8
Would Encourage Own Children to Attend JCCC		
Yes	400	83.3%
Unsure	46	9.6
No	24	5.0
Unknown	10	2.1

Table 19

PERCEPTIONS OF COMMUNITY COLLEGE EXPERIENCES

	Number of Responses	Agree	Neutral	Disagree
Enhanced self-confidence	463	83.8%	12.7%	3.5%
Improved decision-making skills	463	76.7	20.5	2.8
Improved oral communication skills	462	71.6	24.0	4.4
Assisted in clarifying personal values and goals	458	70.7	24.3	5.0
Improved time management skills	458	69.7	26.0	4.3
Broadened knowledge of arts and sciences	450	67.6	26.4	6.0
Expanded tolerance for people and ideas	459	66.9	30.9	2.2
Improved written communication skills	452	62.4	30.3	7.3
Improved interpersonal skills	456	60.5	36.4	3.1

Note. Data were collected utilizing a 5-point scale ranging from strongly agree to strongly disagree. Thus, the "agree" columnincludes "strongly agree" and "somewhat agree" responses combined, and the "disagree" column includes "somewhat disagree" and "strongly disagree" responses combined.

Table 20

SATISFACTION WITH VARIOUS ASPECTS OF COLLEGE

	Number of Responses	Satisfied	Neutral	Dissatisfied
Quality of instruction	474	92.0%	6.9%	1.1%
Facilities and equipment	472	91.9	6.6	1.5
Course content	473	90.5	8.2	1.3
Helpfulness/individual attention of faculty	471	88.8	10.0	1.2
Variety of courses	463	84.9	10.4	4.7
Usefulness/relevance of coursework	434	81.1	15.9	3.0
Convenience of class scheduling	461	76.1	13.7	10.2
Registration process	464	74.1	16.0	9.9
Academic advisement and counseling	437	68.9	20.8	10.3
Career or transfer preparation	421	65.8	28.7	5.5
Job placement services	170	46.5	39.4	14.1
Availability of scholarships and financial aid	356	34.3	56.7	9.0

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined.

Table 21

SATISFACTION WITH
VARIETY OF COURSES OFFERED AT THE COMMUNITY COLLEGE
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	13	76.9	15.4	7.7
Biomedical Equipment	2	100.0	0.0	0.0
Business Administration	15	100.0	0.0	0.0
Chef Apprentice	4	75.0	25.0	0.0
Civil Engineering Technology	2	0.0	50.0	50.0
Commercial Art	28	82.1	10.8	7.1
Computer Systems Technology	10	80.0	20.0	0.0
Data Processing	53	84.9	11.3	3.8
Dental Hygiene	12	91.7	8.3	0.0
Drafting Technology	10	60.0	10.0	30.0
Electronics Engr. Technology	8	100.0	0.0	0.0
Emergency Medical Technology	48	70.8	22.9	6.3
Fashion Merchandising	4	100.0	0.0	0.0
Fire Science	7	100.0	0.0	0.0
HVAC Technology	12	91.7	8.3	0.0
Health Information Technology	5	20.0	40.0	40.0
Hospitality Management	16	87.4	6.3	6.3
Interior Merchandising	13	100.0	0.0	0.0
Interpreter Training	11	63.6	27.3	9.1
M.I.C.T. (Paramedic)	7	100.0	0.0	0.0
Manufacturing Technology	2	50.0	50.0	0.0
Marketing & Management	13	100.0	0.0	0.0
Nursing	34	94.2	2.9	2.9
Office Automation Technology	6	100.0	0.0	0.0
Office Careers	17	100.0	0.0	0.0
Paralegal	75	88.0	6.7	5.3
Physical Therapy Assistant	6	83.3	16.7	0.0
Police Academy	13	61.5	38.5	0.0
Radiologic Technology	5	80.0	0.0	20.0
Respiratory Therapy	3	100.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0
Totals	463	84.9%	10.3%	4.7%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 22

SATISFACTION WITH HELPFULNESS AND
INDIVIDUAL ATTENTION RECEIVED FROM FACULTY
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	13	84.6	15.4	0.0
Biomedical Equipment	2	100.0	0.0	0.0
Business Administration	15	86.7	13.3	0.0
Chef Apprentice	4	100.0	0.0	0.0
Civil Engineering Technology	2	50.0	50.0	0.0
Commercial Art	28	89.3	7.1	3.6
Computer Systems Technology	10	90.0	10.0	0.0
Data Processing	53	92.5	7.5	0.0
Dental Hygiene	12	50.0	33.3	16.7
Drafting Technology	10	100.0	0.0	0.0
Electronics Engr. Technology	8	100.0	0.0	0.0
Emergency Medical Technology	48	85.4	14.6	0.0
Fashion Merchandising	4	100.0	0.0	0.0
Fire Science	7	100.0	0.0	0.0
HVAC Technology	12	100.0	0.0	0.0
Health Information Technology	5	60.0	40.0	0.0
Hospitality Management	16	100.0	0.0	0.0
Interior Merchandising	13	100.0	0.0	0.0
Interpreter Training	11	90.9	9.1	0.0
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0
Manufacturing Technology	2	50.0	50.0	0.0
Marketing & Management	13	100.0	0.0	0.0
Nursing	34	91.2	5.9	2.9
Office Automation Technology	6	100.0	0.0	0.0
Office Careers	17	76.5	23.5	0.0
Paralegal	74	90.5	9.5	0.0
Physical Therapy Assistant	6	83.3	16.7	0.0
Police Academy	19	63.2	31.6	5.2
Radiologic Technology	5	80.0	0.0	20.0
Respiratory Therapy	4	100.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0
Totals	471	88.8%	10.0%	1.2%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 23

SATISFACTION WITH COURSE CONTENT
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	13	76.9	15.4	7.7
Biomedical Equipment	2	100.0	0.0	0.0
Business Administration	15	86.7	13.3	0.0
Chef Apprentice	4	100.0	0.0	0.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	28	85.7	10.7	3.6
Computer Systems Technology	10	100.0	0.0	0.0
Data Processing	53	98.1	1.9	0.0
Dental Hygiene	12	83.3	16.7	0.0
Drafting Technology	10	90.0	10.0	0.0
Electronics Engr. Technology	8	100.0	0.0	0.0
Emergency Medical Technology	49	87.8	12.2	0.0
Fashion Merchandising	4	100.0	0.0	0.0
Fire Science	7	100.0	0.0	0.0
HVAC Technology	12	100.0	0.0	0.0
Health Information Technology	5	40.0	60.0	0.0
Hospitality Management	16	100.0	0.0	0.0
Interior Merchandising	12	91.7	0.0	8.3
Interpreter Training	11	81.8	18.2	0.0
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0
Manufacturing Technology	2	50.0	50.0	0.0
Marketing & Management	13	84.6	7.7	7.7
Nursing	33	97.0	3.0	0.0
Office Automation Technology	6	100.0	0.0	0.0
Office Careers	17	88.2	11.8	0.0
Paralegal	75	90.7	9.3	0.0
Physical Therapy Assistant	6	100.0	0.0	0.0
Police Academy	21	76.2	14.3	9.5
Radiologic Technology	5	80.0	20.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0
Totals	473	90.5%	8.2%	1.3%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 24

SATISFACTION WITH
QUALITY OF INSTRUCTION
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	13	76.9	23.1	0.0
Biomedical Equipment	2	100.0	0.0	0.0
Business Administration	15	100.0	0.0	0.0
Chef Apprentice	4	100.0	0.0	0.0
Civil Engineering Technology	2	50.0	50.0	0.0
Commercial Art	28	89.3	7.1	3.6
Computer Systems Technology	10	100.0	0.0	0.0
Data Processing	53	94.3	5.7	0.0
Dental Hygiene	12	50.0	41.7	8.3
Drafting Technology	10	80.0	20.0	0.0
Electronics Engr. Technology	8	100.0	0.0	0.0
Emergency Medical Technology	49	93.9	6.1	0.0
Fashion Merchandising	4	100.0	0.0	0.0
Fire Science	7	100.0	0.0	0.0
HVAC Technology	12	91.7	8.3	0.0
Health Information Technology	5	60.0	40.0	0.0
Hospitality Management	16	100.0	0.0	0.0
Interior Merchandising	12	100.0	0.0	0.0
Interpreter Training	11	72.7	27.3	0.0
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0
Manufacturing Technology	2	50.0	50.0	0.0
Marketing & Management	13	76.9	7.7	15.4
Nursing	34	97.1	2.9	0.0
Office Automation Technology	6	100.0	0.0	0.0
Office Careers	17	94.1	5.9	0.0
Paralegal	75	98.7	1.3	0.0
Physical Therapy Assistant	6	100.0	0.0	0.0
Police Academy	21	85.7	9.5	4.8
Radiologic Technology	5	80.0	20.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0
Totals	474	92.0%	6.9%	1.1%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 25

SATISFACTION WITH
USEFULNESS AND RELEVANCE OF COURSE OF STUDY
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	5	80.0	20.0	0.0
Automotive Technology	12	41.7	41.7	16.6
Biomedical Equipment	2	100.0	0.0	0.0
Business Administration	14	57.1	42.9	0.0
Chef Apprentice	4	100.0	0.0	0.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	25	80.0	20.0	0.0
Computer Systems Technology	10	50.0	30.0	20.0
Data Processing	51	82.4	13.7	3.9
Dental Hygiene	12	100.0	0.0	0.0
Drafting Technology	8	87.5	12.5	0.0
Electronics Engr. Technology	5	80.0	20.0	0.0
Emergency Medical Technology	40	80.0	20.0	0.0
Fashion Merchandising	4	75.0	25.0	0.0
Fire Science	7	85.7	14.3	0.0
HVAC Technology	11	90.9	9.1	0.0
Health Information Technology	5	80.0	20.0	0.0
Hospitality Management	16	68.8	25.0	6.2
Interior Merchandising	12	83.3	16.7	0.0
Interpreter Training	10	100.0	0.0	0.0
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0
Manufacturing Technology	2	50.0	50.0	0.0
Marketing & Management	13	76.9	23.1	0.0
Nursing	33	100.0	0.0	0.0
Office Automation Technology	6	100.0	0.0	0.0
Office Careers	14	71.4	21.4	7.2
Paralegal	63	71.4	22.2	6.4
Physical Therapy Assistant	6	100.0	0.0	0.0
Police Academy	21	95.2	4.8	0.0
Radiologic Technology	5	80.0	0.0	20.0
Respiratory Therapy	4	100.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0
Totals	434	81.1%	15.9%	3.0%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 26

SATISFACTION WITH
CAREER OR TRANSFER PREPARATION
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	12	41.7	41.7	16.6
Biomedical Equipment	2	100.0	0.0	0.0
Business Administration	13	38.5	38.5	23.0
Chef Apprentice	3	66.7	33.3	0.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	23	65.2	30.4	4.4
Computer Systems Technology	9	66.7	0.0	33.3
Data Processing	46	73.9	19.6	6.5
Dental Hygiene	12	75.0	25.0	0.0
Drafting Technology	10	60.0	40.0	0.0
Electronics Engr. Technology	6	50.0	50.0	0.0
Emergency Medical Technology	40	65.0	32.5	2.5
Fashion Merchandising	4	50.0	25.0	25.0
Fire Science	6	66.7	33.3	0.0
HVAC Technology	10	70.0	30.0	0.0
Health Information Technology	5	40.0	40.0	20.0
Hospitality Management	15	73.3	26.7	0.0
Interior Merchandising	11	36.4	54.5	9.1
Interpreter Training	11	72.7	27.3	0.0
M.I.C.T. (Paramedic)	8	75.0	25.0	0.0
Manufacturing Technology	2	0.0	100.0	0.0
Marketing & Management	13	53.8	38.5	7.7
Nursing	33	87.9	12.1	0.0
Office Automation Technology	6	100.0	0.0	0.0
Office Careers	15	73.3	26.7	0.0
Paralegal	67	49.3	43.3	7.4
Physical Therapy Assistant	6	100.0	0.0	0.0
Police Academy	14	71.4	28.6	0.0
Radiologic Technology	4	75.0	0.0	25.0
Respiratory Therapy	4	100.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0
Totals	421	65.8%	28.7%	5.5%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

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Table 27

USER SATISFACTION WITH
JCCC JOB PLACEMENT SERVICES
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Administration of Justice	2	0.0	100.0	0.0
Automotive Technology	3	66.7	0.0	33.3
Biomedical Equipment	2	100.0	0.0	0.0
Business Administration	5	20.0	60.0	20.0
Chef Apprentice	2	100.0	0.0	0.0
Civil Engineering Technology	2	50.0	50.0	0.0
Commercial Art	10	60.0	10.0	30.0
Computer Systems Technology	8	50.0	25.0	25.0
Data Processing	30	40.0	36.8	23.2
Dental Hygiene	2	0.0	100.0	0.0
Drafting Technology	4	25.0	50.0	25.0
Electronics Engr. Technology	3	0.0	100.0	0.0
Emergency Medical Technology	7	57.1	42.9	0.0
Fashion Merchandising	3	66.7	0.0	33.3
Fire Science	1	0.0	100.0	0.0
HVAC Technology	3	100.0	0.0	0.0
Hospitality Management	5	80.0	20.0	0.0
Interior Merchandising	5	40.0	60.0	0.0
Interpreter Training	2	0.0	100.0	0.0
Manufacturing Technology	2	0.0	100.0	0.0
Marketing & Management	6	50.0	50.0	0.0
Nursing	12	16.7	83.3	0.0
Office Automation Technology	4	100.0	0.0	0.0
Office Careers	9	77.8	22.2	0.0
Paralegal	35	42.9	34.2	22.9
Respiratory Therapy	1	100.0	0.0	0.0
Veterinary Technology	2	50.0	50.0	0.0
Totals	170	46.5%	39.4%	14.1%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 28

SATISFACTION WITH
FACILITIES AND EQUIPMENT
- BY PROGRAM -

Career Program	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	6	83.3	16.7	0.0
Automotive Technology	13	92.3	7.7	0.0
Biomedical Equipment	2	100.0	0.0	0.0
Business Administration	15	100.0	0.0	0.0
Chef Apprentice	4	100.0	0.0	0.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	28	96.4	3.6	0.0
Computer Systems Technology	10	100.0	0.0	0.0
Data Processing	53	90.6	5.6	3.8
Dental Hygiene	12	83.3	16.7	0.0
Drafting Technology	10	100.0	0.0	0.0
Electronics Engr. Technology	8	100.0	0.0	0.0
Emergency Medical Technology	49	93.9	6.1	0.0
Fashion Merchandising	4	100.0	0.0	0.0
Fire Science	7	100.0	0.0	0.0
HVAC Technology	12	91.7	8.3	0.0
Health Information Technology	5	80.0	20.0	0.0
Hospitality Management	16	100.0	0.0	0.0
Interior Merchandising	12	75.0	16.7	8.3
Interpreter Training	10	70.0	30.0	0.0
M.I.C.T. (Paramedic)	9	100.0	0.0	0.0
Manufacturing Technology	2	100.0	0.0	0.0
Marketing & Management	13	92.3	7.7	0.0
Nursing	34	91.2	5.9	2.9
Office Automation Technology	6	100.0	0.0	0.0
Office Careers	17	100.0	0.0	0.0
Paralegal	74	89.2	8.1	2.7
Physical Therapy Assistant	6	100.0	0.0	0.0
Police Academy	21	81.0	14.2	4.8
Radiologic Technology	5	80.0	20.0	0.0
Respiratory Therapy	4	100.0	0.0	0.0
Veterinary Technology	2	100.0	0.0	0.0
Totals	472	91.9%	6.6%	1.5%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 29

CURRENT EDUCATIONAL PROFILE

	Number of Responses	Percent
Current Educational Objective		
Improve skills for present job	116	24.2%
Prepare to transfer	97	20.2
No plans for more education	86	17.9
Prepare to enter job market	51	10.6
Study topics of interest/self-improvement	49	10.2
Prepare for graduate school	35	7.3
Prepare to change careers	26	5.4
Explore career possibilities	12	2.5
Remedy or review basic skills	4	0.8
Other/unknown	4	0.8
Currently Enrolled		
Yes	147	30.6%
No	327	68.1
Unknown	6	1.3
Where		
JCCC	86	58.5%
The University of Kansas	9	6.1
Mid-America Nazarene College	6	4.1
Emporia State University	4	2.7
Kansas State University	2	1.4
Washburn University	2	1.4
Other Kansas colleges/universities	2	1.4
University of Missouri, Kansas City	4	2.7
Metropolitan Community Colleges	4	2.7
University of Missouri, Rolla	2	1.4
Other Missouri colleges/universities	4	2.7
Other out-of-state colleges/universities	2	1.4
Unknown	20	13.5

Table 30

FUTURE EDUCATIONAL PLANS

	Number of Responses	Percent
Plan to Enroll Again		
Yes	270	56.3%
Unsure	98	20.4
No	108	22.5
Unknown	4	0.8
Where		
JCCC	155	57.4%
The University of Kansas	20	7.4
Mid-America Nazarene College	9	3.3
Emporia State University	5	1.9
Ottawa University	4	1.5
Baker University	4	1.5
Kansas State University	3	1.1
KU Medical Center	2	0.7
Washburn University	2	0.7
Other Kansas colleges/universities	2	0.7
University of Missouri, Kansas City	11	4.1
Avila College	2	0.7
Central Missouri State University	2	0.7
Longview Community College	2	0.7
Rockhurst College	2	0.7
Other Missouri colleges/universities	1	0.4
Other out-of-state colleges/universities	4	1.4
Unknown	40	15.1

APPENDIX B

.TABLED FINDINGS FOR

EMPLOYER SURVEY

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Table 31

PROFILE OF FIRMS EMPLOYING
1990-91 JCCC CAREER PROGRAM COMPLETERS
IN JOBS RELATED TO JCCC COURSE OF STUDY

	Number of Responses	Percent
Number of Employees		
1 to 5	20	9.4%
6 to 10	21	9.9
11 to 25	26	12.2
26 to 50	33	15.5
51 to 100	32	15.0
101 to 250	27	12.7
251 to 500	5	2.3
501 and over	21	9.9
Unknown	28	13.1
Anticipate Hiring in Same Career Field Within 3-5 Years		
Yes	126	59.2%
No	55	25.8
Unknown	32	15.0

Table 32

EMPLOYER EVALUATION OF
JOB-RELATED CONCEPTUAL KNOWLEDGE

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	3	100.0	0.0	0.0
Biomedical Equipment Technology	1	100.0	0.0	0.0
Business Administration	6	100.0	0.0	0.0
Chef Apprentice	1	100.0	0.0	0.0
Civil Engineering Technology	2	50.0	50.0	0.0
Commercial Art	11	100.0	0.0	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	24	95.8	4.2	0.0
Dental Hygiene	8	100.0	0.0	0.0
Drafting Technology	7	57.1	42.9	0.0
Electronics Engr. Technology	3	66.7	33.3	0.0
Emergency Medical Technology	18	100.0	0.0	0.0
Fashion Merchandising	2	50.0	50.0	0.0
Fire Science	4	50.0	25.0	25.0
HVAC Technology	1	0.0	100.0	0.0
Health Information Technology	2	100.0	0.0	0.0
Hospitality Management	8	87.5	0.0	12.5
Interior Merchandising	3	100.0	0.0	0.0
Interpreter Training	6	100.0	0.0	0.0
Manufacturing Technology	1	100.0	0.0	0.0
M.I.C.T. (Paramedic)	6	100.0	0.0	0.0
Marketing and Management	4	75.0	25.0	0.0
Nursing	24	100.0	0.0	0.0
Office Automation Technology	4	75.0	25.0	0.0
Office Careers	8	100.0	0.0	0.0
Paralegal	19	100.0	0.0	0.0
Physical Therapy Assistant	6	83.3	16.7	0.0
Police Academy	8	75.0	25.0	0.0
Radiologic Technology	4	75.0	25.0	0.0
Respiratory Therapy	3	66.7	33.3	0.0
Veterinary Technology	1	100.0	0.0	0.0
Totals	201	91.0%	8.0%	1.0%

Note. Not all employers chose to rate the completer on this variable.

Table 33

EMPLOYER EVALUATION OF
JOB-RELATED TECHNICAL KNOWLEDGE

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	3	100.0	0.0	0.0
Biomedical Equipment Technology	1	100.0	0.0	0.0
Business Administration	6	100.0	0.0	0.0
Chef Apprentice	1	100.0	0.0	0.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	11	90.9	9.1	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	24	91.7	8.3	0.0
Dental Hygiene	8	87.5	12.5	0.0
Drafting Technology	7	57.1	42.9	0.0
Electronics Engr. Technology	3	100.0	0.0	0.0
Emergency Medical Technology	18	94.4	5.6	0.0
Fashion Merchandising	2	100.0	0.0	0.0
Fire Science	4	50.0	50.0	0.0
HVAC Technology	1	0.0	100.0	0.0
Health Information Technology	2	100.0	0.0	0.0
Hospitality Management	8	87.5	0.0	12.5
Interior Merchandising	3	100.0	0.0	0.0
Interpreter Training	6	100.0	0.0	0.0
Manufacturing Technology	1	100.0	0.0	0.0
M.I.C.T. (Paramedic)	6	100.0	0.0	0.0
Marketing and Management	4	75.0	25.0	0.0
Nursing	24	91.7	8.3	0.0
Office Automation Technology	4	75.0	25.0	0.0
Office Careers	8	87.5	12.5	0.0
Paralegal	19	100.0	0.0	0.0
Physical Therapy Assistant	6	83.3	16.7	0.0
Police Academy	8	75.0	25.0	0.0
Radiologic Technology	4	75.0	25.0	0.0
Respiratory Therapy	3	100.0	0.0	0.0
Veterinary Technology	1	100.0	0.0	0.0
Totals	201	89.6%	9.9%	0.5%

Note. Not all employers chose to rate the completer on this variable.

Table 34

EMPLOYER EVALUATION OF
ATTITUDE TOWARD WORK

	Number of Responses	Very Good/ Good	Average	Poor/ Very Poor
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	3	66.7	33.3	0.0
Biomedical Equipment Technology	1	100.0	0.0	0.0
Business Administration	6	83.3	0.0	16.7
Chef Apprentice	1	100.0	0.0	0.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	11	90.9	0.0	9.1
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	24	95.8	4.2	0.0
Dental Hygiene	8	100.0	0.0	0.0
Drafting Technology	7	85.7	14.3	0.0
Electronics Engr. Technology	3	66.7	33.3	0.0
Emergency Medical Technology	18	83.3	16.7	0.0
Fashion Merchandising	2	100.0	0.0	0.0
Fire Science	4	50.0	50.0	0.0
HVAC Technology	1	100.0	0.0	0.0
Health Information Technology	2	100.0	0.0	0.0
Hospitality Management	8	87.5	0.0	12.5
Interior Merchandising	3	100.0	0.0	0.0
Interpreter Training	6	100.0	0.0	0.0
Manufacturing Technology	1	100.0	0.0	0.0
M.I.C.T. (Paramedic)	6	100.0	0.0	0.0
Marketing and Management	4	75.0	25.0	0.0
Nursing	26	100.0	0.0	0.0
Office Automation Technology	4	100.0	0.0	0.0
Office Careers	8	100.0	0.0	0.0
Paralegal	19	94.7	5.3	0.0
Physical Therapy Assistant	6	83.3	16.7	0.0
Police Academy	8	100.0	0.0	0.0
Radiologic Technology	4	100.0	0.0	0.0
Respiratory Therapy	3	66.7	33.3	0.0
Veterinary Technology	1	100.0	0.0	0.0
Totals	203	92.1%	6.4%	1.5%

Note. Not all employers chose to rate the completer on this variable.

Table 35

EMPLOYER EVALUATION OF
QUALITY OF WORK

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	3	100.0	0.0	0.0
Biomedical Equipment Technology	1	100.0	0.0	0.0
Business Administration	5	100.0	0.0	0.0
Chef Apprentice	1	100.0	0.0	0.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	11	100.0	0.0	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	24	91.7	8.3	0.0
Dental Hygiene	8	100.0	0.0	0.0
Drafting Technology	7	85.7	14.3	0.0
Electronics Engr. Technology	3	66.7	33.3	0.0
Emergency Medical Technology	18	94.4	5.6	0.0
Fashion Merchandising	2	100.0	0.0	0.0
Fire Science	4	50.0	25.0	25.0
HVAC Technology	1	100.0	0.0	0.0
Health Information Technology	2	100.0	0.0	0.0
Hospitality Management	8	75.0	25.0	0.0
Interior Merchandising	3	100.0	0.0	0.0
Interpreter Training	6	100.0	0.0	0.0
Manufacturing Technology	1	100.0	0.0	0.0
M.I.C.T. (Paramedic)	6	100.0	0.0	0.0
Marketing and Management	4	75.0	25.0	0.0
Nursing	26	92.3	7.7	0.0
Office Automation Technology	4	75.0	25.0	0.0
Office Careers	8	100.0	0.0	0.0
Paralegal	19	100.0	0.0	0.0
Physical Therapy Assistant	6	83.3	16.7	0.0
Police Academy	8	87.5	12.5	0.0
Radiologic Technology	4	100.0	0.0	0.0
Respiratory Therapy	3	100.0	0.0	0.0
Veterinary Technology	1	100.0	0.0	0.0
Totals	202	92.6%	6.9%	0.5%

Note. Not all employers chose to rate the completer on this variable.

Table 36

EMPLOYER EVALUATION OF
COMMUNICATIONS AND INTERPERSONAL SKILLS

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	3	100.0	0.0	0.0
Biomedical Equipment Technology	1	100.0	0.0	0.0
Business Administration	6	66.7	33.3	0.0
Chef Apprentice	1	0.0	0.0	100.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	11	81.8	18.2	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	24	95.8	4.2	0.0
Dental Hygiene	8	100.0	0.0	0.0
Drafting Technology	7	85.7	0.0	14.3
Electronics Engr. Technology	3	100.0	0.0	0.0
Emergency Medical Technology	18	77.8	22.2	0.0
Fashion Merchandising	2	100.0	0.0	0.0
Fire Science	4	50.0	0.0	50.0
HVAC Technology	1	100.0	0.0	0.0
Health Information Technology	2	100.0	0.0	0.0
Hospitality Management	8	75.0	0.0	25.0
Interior Merchandising	3	100.0	0.0	0.0
Interpreter Training	6	100.0	0.0	0.0
Manufacturing Technology	1	100.0	0.0	0.0
M.I.C.T. (Paramedic)	6	100.0	0.0	0.0
Marketing and Management	4	100.0	0.0	0.0
Nursing	26	96.2	3.8	0.0
Office Automation Technology	4	75.0	25.0	0.0
Office Careers	8	87.5	12.5	0.0
Paralegal	19	89.5	10.5	0.0
Physical Therapy Assistant	6	100.0	0.0	0.0
Police Academy	8	75.0	12.5	12.5
Radiologic Technology	4	75.0	25.0	0.0
Respiratory Therapy	3	100.0	0.0	0.0
Veterinary Technology	1	100.0	0.0	0.0
Totals	203	88.7%	7.9%	3.4%

Note. Not all employers chose to rate the completer on this variable.

Table 37

EMPLOYER EVALUATION OF
OVERALL JOB PREPARATION

	Number of Responses	Very Good/ Good	Average	Poor Very Poor
Accounting	1	100.0%	0.0%	0.0%
Administration of Justice	1	100.0	0.0	0.0
Automotive Technology	3	100.0	0.0	0.0
Biomedical Equipment Technology	1	100.0	0.0	0.0
Business Administration	6	83.3	16.7	0.0
Chef Apprentice	1	100.0	0.0	0.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	11	90.9	9.1	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	24	100.0	0.0	0.0
Dental Hygiene	7	100.0	0.0	0.0
Drafting Technology	7	71.4	28.6	0.0
Electronics Engr. Technology	3	100.0	0.0	0.0
Emergency Medical Technology	17	88.2	11.8	0.0
Fashion Merchandising	2	100.0	0.0	0.0
Fire Science	4	50.0	25.0	25.0
HVAC Technology	1	100.0	0.0	0.0
Health Information Technology	2	100.0	0.0	0.0
Hospitality Management	8	75.0	25.0	0.0
Interior Merchandising	3	100.0	0.0	0.0
Interpreter Training	6	100.0	0.0	0.0
Manufacturing Technology	1	100.0	0.0	0.0
M.I.C.T. (Paramedic)	6	100.0	0.0	0.0
Marketing and Management	4	100.0	0.0	0.0
Nursing	26	100.0	0.0	0.0
Office Automation Technology	4	75.0	25.0	0.0
Office Careers	8	100.0	0.0	0.0
Paralegal	19	100.0	0.0	0.0
Physical Therapy Assistant	6	100.0	0.0	0.0
Police Academy	8	75.0	25.0	0.0
Radiologic Technology	4	100.0	0.0	0.0
Respiratory Therapy	3	100.0	0.0	0.0
Veterinary Technology	1	100.0	0.0	0.0
Totals	201	93.5%	6.0%	0.5%

Note. Not all employers chose to rate the completer on this variable.

Table 38

ANTICIPATED ANNUAL JOB OPENINGS AND WAGES

	Number of Responses	Anticipated Annual Openings	Average Hourly Wage
Automotive Technology			
Counter sales	1	Unsure	$ 5.00
Technician or apprentice	1	1	7.69-14.42
Mechanic	1	2	7.50
Business Administration			
Specialist/major appl. tech. line	1	1	15.87
Civil Engineering Technology	1	2-3	8.41
Structural detailer/designer	1	1	9.62
Commercial Art			
Bindery/paste-up	2	Unsure	Varies
Press operator	2	Unsure	Varies
Graphic artists	1	Unsure	Varies
Management trainee	1	4-8	6.25
Data Processing			
Programmers	5	5-10	8.65-14.42
Programmer analyst	1	1	13.46-16.83
Support personnel	1	2	12.02
Computer lab assistants/operators	4	5-10	7.04-10.25
Claims processors	1	Unsure	Varies
Dental Hygiene	4	4	12.50-18.75
Drafting Technology			
Drafter detail II	1	2	8.50- 9.50
Drafting technician (CAD)	4	4	7.50- 9.00
Design drafter	1	1	8.17- 9.14
Drafter	1	1	6.73- 7.21
Emergency Medical Technology	6	4-12	5.20- 8.41
Fashion Merchandising			
Visual specialist/assistant	2	2	7.00- 8.00
Fire Science	6	32	9.14-10.58
project manager	1	1	17.31
Health Information Technology			
Medical billing	1	Unsure	Unsure
QA/VR technician	1	Unsure	8.17

Note. Caution should be exercised when generalizing these data due to the relatively small number of respondents in each category. Anticipated annual openings and wages may not be representative of the job market as a whole.

Table 38 (continued)

ANTICIPATED ANNUAL JOB OPENINGS AND WAGES

	Number of Responses	Anticipated Annual Openings	Average Hourly Wage
Hospitality Management			
Housekeeping manager	1	Unsure	Varies
Restaurant manager	1	Unsure	Varies
Front desk clerks/manager	2	Unsure	Varies
Shift manager	1	1	5.00- 7.00
Interior Merchandising	1	1	$ 5.50- 6.00
Interpreter Training	3	4-6	8.00-12.00
M.I.C.T. (Paramedic)	5	14-16	10.34-12.50
Marketing and Management			
IB supervisor	1	3	13.46
Nursing	14	16	11.06-14.42
Med-surg	1	10-15	14.42
Burn care nurse/case managers	1	Unsure	Varies
Office Automation Technology			
Customer service agents	1	20	7.69-12.50
Office Careers			
Receptionist	1	1	7.50
Paralegal	2	2	8.41- 8.89
Secretary/paralegal	2	2	6.00-15.00
Bankruptcy	1	1	9.62-12.02
Physical Therapy Assistant	1	1	Varies
RPT's, PTA's CNA's	2	Unsure	Varies
Police Academy	7	8-14	9.37-12.65
Radiologic Technology	2	1-2	10.00
Respiratory Therapy	3	4-6	10.50
Veterinary Technology	1	1	6.50

Note. Caution should be exercised when generalizing these data due to the relatively small number of respondents in each category. Anticipated annual openings and wages may not be representative of the job market as a whole.

APPENDIX C

COMPLETER SURVEY

AND COVER LETTERS

63

JOHNSON COUNTY COMMUNITY COLLEGE
SHORT-TERM FOLLOW-UP STUDY OF
1991-92 CAREER PROGRAM COMPLETERS

[AFFIX LABEL HERE]

Dear Former Student: Please take a few minutes to carefully respond to each of the following questions as honestly and completely as possible, then return the completed survey to us in the envelope provided. All responses will be kept strictly confidential and reported as group data only. Thank you!

_____NOTE: If you did not complete a career program by either graduating, earning a certificate, or leaving with marketable skills during summer of 1991, fall of 1991, or spring of 1992, please check here and return the uncompleted survey to us. Thank you.

---

1. Which career program did you complete?_____

2. Which of the following best describes your current status? (Check only one)

   _____1. Earned an associate's degree
   _____2. Earned a vocational certificate
   _____3. Left with enough training to work in this field

3. Was JCCC your first choice when you decided to attend college to pursue this major?

   _____1. Yes
   _____2. No (If no, which college was your first choice?_____)

4. How many semesters were you enrolled in that program at the community college?_____

5. How many total credit hours have you completed at the community college?_____

6. Which of the following best describes your primary educational objective when you first enrolled at the community college? (Check only one)

   _____1. Transfer to another college or university
   _____2. Prepare to enter the job market
   _____3. Improve skills for your present job
   _____4. Explore courses to decide on a new career
   _____5. Remedy or review basic skills
   _____6. Study topics of interest or for self-improvement
   _____7. Prepare to change careers
   _____8. Other (please specify)

7. Did you change this educational objective while a student at the community college?

   _____1. Yes, changed objective to_____
   _____2. No

8. Did you achieve your community college educational objective?

   _____1. Yes, completely
   _____2. Yes, partially
   _____3. No (If no, briefly explain reason)

9. If yes, did the community college help you to achieve it this educational objective?

   _____1. Yes
   _____2. Unsure
   _____3. No (Please explain)

10. Regardless of the financial benefits, do you feel your community college experiences have improved the quality of your life?

    _____1. Definitely yes
    _____2. Probably yes
    _____3. Uncertain
    _____4. Probably no
    _____5. Definitely no

11. If you could go back, knowing what you know now, would you still attend the community college?

    _____1. Definitely yes
    _____2. Probably yes
    _____3. Uncertain
    _____4. Probably no
    _____5. Definitely no

12. Would you recommend attending JCCC to your friends and acquaintances?

    _____1. Yes
    _____2. Unsure
    _____3. No

13. Would you encourage your children to attend JCCC?

    _____1. Yes
    _____2. Unsure
    _____3. No

14. Below are several goals that "typical" students have for their college experiences. Please indicate how much you agree that your experiences at the community college helped you to accomplish these goals.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
A. Broadened my knowledge of the arts and sciences	1	2	3	4	5
B. Improved my ability to communicate orally	1	2	3	4	5
C. Improved my ability to communicate in writing	1	2	3	4	5
D. Improved my ability to make good decisions	1	2	3	4	5
E. Improved my ability to make constructive use of time	1	2	3	4	5
F. Enhanced my ability to get along with others	1	2	3	4	5
G. Expanded my tolerance for people and ideas	1	2	3	4	5
H. Assisted me in clarifying the values and goals of my life	1	2	3	4	5
I. Enhanced my self-confidence	1	2	3	4	5

---

15. How are you currently using the skills you developed through your community college career program?

_____1. In my job
_____2. Doing volunteer work
_____3. Not using my skills (please explain)
_____4. Other (please specify)

16. Have you ever used the JCCC Career Center?

_____1. Yes
_____2. No (If no, why not?)

17. Which of the following best describes your current employment situation?

_____1. Full-time military
_____2. Employed part-time (under 30 hours per week)
_____3. Employed full-time (30+ hours per week)
_____4. Unemployed; actively looking for work
_____5. Not in labor force (not employed and not actively looking for a job)

IF UNEMPLOYED OR OUT OF THE LABOR FORCE--SKIP TO QUESTION 28

18. How long have you had your present job?_____

19. What is your current job title?_____

20. What is your average hourly wage?_____

21. How would you describe your job in terms of the skills you developed in your career program?

_____1. Directly related to skills developed in the community college career program
_____2. Somewhat related to skills developed in the community college career program
_____3. Not at all related to skills developed in the community college career program

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22. Is your current job the first one you have had in this career field?

_____1. Yes
_____2. No

23. Were you employed in this job before enrolling in your career program?

_____1. Yes (If yes, skip to Question 25)
_____2. No

24. Did any of the following help you to find your job? (Check all that apply)

_____1. Career program administrators and/or instructors
_____2. Instruction or workshops on resume writing, interviewing skills, etc.
_____3. Community college job placement services
_____4. Other job placement services
_____5. Family and/or friends
_____6. No help--got the job myself
_____7. Other (please specify)

25. How satisfied are you with your present job?

_____1. Very dissatisfied
_____2. Somewhat dissatisfied
_____3. Neutral
_____4. Somewhat satisfied
_____5. Very satisfied

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26. Please rate each of the following characteristics of your current job by circling the number most closely reflecting your opinion.

	Poor	Fair	Average	Good	Excellent	Don't Know
A. Working conditions	1	2	3	4	5	9
B. Amount of responsibility	1	2	3	4	5	9
C. Advancement potential	1	2	3	4	5	9
D. Salary	1	2	3	4	5	9
E. Job in general	1	2	3	4	5	9

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27. We would like to contact your employer to obtain some information required for the State Department of Education report on career program completers. Please indicate the name and address of your employer in the space provided.

Name of company_____

Address_____

_____ (Zip) _____

Person familiar with your work_____

28. Are you currently enrolled in any classes or participating in any training?

_____1. Yes (Where?)_____
_____2. No

29. Do you plan to enroll in any classes or training within the next year?

_____1. Yes (Where?)_____
_____2. Unsure
_____3. No

30. What is your <u>current</u> <u>primary</u> educational objective? (Check only one)

_____1. Transfer to another college or university
_____2. Prepare for graduate school
_____3. Prepare to enter the job market
_____4. Improve skills for your present job
_____5. Explore courses to decide on a new career
_____6. Remedy or review basic skills
_____ 7. Study topics of interest or for self-improvement
_____ 8. Prepare to change careers
_____ 9. No plans for more education
_____10. Other (please specify)

31. Please describe your community college grades (check only one):

_____1. Mostly A's
_____2. Mostly A's and B's
_____3. Mostly B's
_____4. Mostly B's and C's
_____5. Mostly C's
_____6. Mostly C's and D's
_____7. Mostly D's
_____8. Mostly F's

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32. Based on your own personal experiences, please indicate your level of satisfaction with each of the following aspects of the community college by circling the number most closely reflecting your opinion.

		Very Satisfied	Somewhat Satisfied	Neutral	Somewhat Dissatisfied	Very Dissatisfied
A.	Academic advisement/counseling	5	4	3	2	1
B.	Availability of scholarships and financial aid	5	4	3	2	1
C.	Registration process	5	4	3	2	1
D.	Convenience of class scheduling	5	4	3	2	1
E.	Variety of courses	5	4	3	2	1
F.	Helpfulness/individual attention of faculty	5	4	3	2	1
G.	Content of courses	5	4	3	2	1
H.	Quality of instruction	5	4	3	2	1
I.	Usefulness or relevance of training to your current job	5	4	3	2	1
J.	Career/transfer preparation	5	4	3	2	1
K.	Job placement services	5	4	3	2	1
L.	Facilities and equipment	5	4	3	2	1

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33. What would you say were the primary strengths and/or weaknesses of the career program you completed? (Please attach additional pages if necessary)

34. If you could name one faculty or staff member who had the greatest impact on you at the community college, who would it be?

Why did you select this person?

35. What is your race/ethnic category?

_____1. American Indian/Alaskan
_____2. Hispanic
_____3. Asian/Pacific Islander
_____4. African American
_____5. White/Other

36. What is your marital status?

_____1. Single/never married
_____2. Married now
_____3. Previously married (separated, divorced or widowed)

37. What is your sex? _____1. Male _____2. Female

38. What is your age?_____

39. Which of the following best describes your annual family income?

_____1. Under $20,000
_____2. $20,000 to $40,000
_____3. $40,001 to $60,000
_____4. $60,001 to $80,000
_____5. $80,001 to $100,000
_____6. Over $100,000

Any comments or suggestions you would like to make about the community college or the career program you completed which would help us in meeting the needs of future JCCC students would be appreciated. Please attach additional pages if necessary. Thank you for your help.

JCCC RESPIRATORY THERAPY PROGRAM COMPLETERS ONLY--Please respond to each of the following questions pertaining to your career in respiratory therapy and return this page with your completed Short-Term Follow-up Survey of Career Program Completers. Thank you!

A. Which of the following titles best describes your current position? (Check only one)

_____1. Technical director or assistant technical director
_____2. Lead or shift supervisor
_____3. Pulmonary function practitioner
_____4. Instructor/educator
_____5. Staff technician/therapist
_____6. Rehab/home care coordinator or practitioner
_____7. DME and/or medical sales
_____8. Other (please specify)

B. Have you taken the NBRC entry-level examination?

_____1. Yes

If yes, how many attempts have you made at the entry-level examination?

_____1. One
_____2. Two
_____3. Three
_____4. Four or more

Did you pass or fail?

_____1. Passed
_____2. Failed

_____2. No

If no, when do you plan to take the NBRC examination?

_____1. March
_____2. July
_____3. November
_____4. Undecided
_____5. Never

Briefly explain why you haven't taken the NBRC examination yet:

C. Which of the following respiratory therapy-related continuing education activities have you participated in since graduating? (Check all that apply)

_____1. Departmental inservice
_____2. Nationally sponsored seminars and meetings
_____3. State society sponsored seminars and meetings
_____4. Locally sponsored seminars and meetings
_____5. American Lung Association activities
_____6. Independent study
_____7. None
_____8. Other (please specify)

D. To which professional organizations do you belong? (Check all that apply)

_____1. American Association for Respiratory Care (AARC)
_____2. Kansas Respiratory Care Society (KRCS)
_____3. Missouri Society for Respiratory Care (MSRC)
_____4. None
_____5. Other (please specify)

November 25, 1991

Dear Career Program Completer:

As part of Johnson County Community College's continuing commitment to improving its programs and services, we are surveying former students who completed a JCCC career program during summer of 1990, fall of 1990, or spring of 1991. This includes graduates, students earning certificates, and students who have completed sufficient coursework to acquire new skills or upgrade their current ones. We are required by federal and state law to conduct this follow-up study but, in addition, we are most interested in your evaluation of the education you received at the community college and how you are using the skills you developed in your career program.

Please take a few minutes to answer each of the questions on the enclosed survey as completely and accurately as possible and return the completed survey to us in the postage-paid envelope provided by Friday, December 13. Naturally your responses will kept strictly confidential and reported as group data only.

Thank you for your help in evaluating the career program in which you participated, and for any comments or suggestions you may have which will assist us in meeting the needs of future students.

Sincerely,

Dan Radakovich
Vice President for Academic Affairs

Enclosures

December 16, 1991

Dear Career Program Completer:

A few weeks ago we sent you a survey requesting information about your perceptions and opinions of the education you received at JCCC and how you are using the skills you developed in your career program. If you have already completed the survey, thank you very much. Your responses will help us in planning to meet the needs of future community college students like yourself.

In the event you have not as yet completed the survey and returned it to us, we are enclosing a second copy. Please take a few minutes to answer each of the questions as completely and accurately as possible. A postage-paid business reply envelope has been provided for your convenience in returning the completed survey to us by December 27. Naturally all responses will be kept strictly confidential and reported as group data only.

Thank you for your help in evaluating the career program in which you participated, and for any comments or suggestions you may have. Every good wish for a joyous holiday season and a most happy, healthy and prosperous 1993!

Sincerely,

Dan Radakovich
Vice President for Academic Affairs

Enclosures

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APPENDIX D

EMPLOYER SURVEY

AND COVER LETTERS

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JOHNSON COUNTY COMMUNITY COLLEGE
EMPLOYER EVALUATION OF
CAREER PROGRAM COMPLETERS

We are required by state law to conduct a follow-up study of all career program completers who initiated their career program at JCCC, and a part of this follow-up study involves collecting data from employers of these former students. Please ask a supervisor familiar with the work of the person listed below to complete and return this survey in the envelope provided as soon as possible. All responses will be kept strictly confidential. Thank you.

Employee:
Social Security Number:
Career Program:

Directions: Please answer each of the following questions as completely and honestly as possible, bearing in mind that you are evaluating this employee's training and preparation as reflected in job performance, work habits, and other work-related characteristics.

1. How would you rate this employee in each of the following areas? (Circle the response most closely reflecting your opinion)

	Very Good	Good	Neutral	Poor	Very Poor
A. Job-related conceptual knowledge	5	4	3	2	1
B. Job-related technical knowledge	5	4	3	2	1
C. Attitude toward work (professionalism)	5	4	3	2	1
D. Quality of work	5	4	3	2	1
E. Communications and interpersonal skills	5	4	3	2	1
F. OVERALL JOB PREPARATION	5	4	3	2	1

2. What is this employee's current hourly wage?_____

3. In what areas do you feel employees from this career program are best prepared?

4. In which areas do you feel additional preparation would be helpful?

5. Do you have any specific suggestions for improvements in the curriculum or instruction of the career program that trained your employee?

6. Do you anticipate hiring additional or replacement employees in areas related to this career program in the next 3 to 5 years?

_____1. No
_____2. Yes (If yes, please list the number and types of positions which may become available in this career field)

Job Type and Title	Annual Openings	Anticipated Salary

7. Company name: _____

8. Your job title: _____

9. Total number of employees: _____

10. Total employees within this division/department: _____

Thank you for your cooperation. Please return the completed survey in the envelope provided. Questions or comments about this study may be directed to:

Office of Institutional Research
Johnson County Community College
12345 College Boulevard
Overland Park, KS 66210-1299
(913) 469-8500, ext. 3443

January 21, 1992

Dear Employer:

Each year we are required by state law to conduct follow-up studies to evaluate the effectiveness of the career programs at Johnson County Community College. In our opinion, one of the most important evaluations comes from the employers who hire these former students.

The individual whose name appears on the enclosed survey is a former student of a career program at JCCC who indicated he/she is now working for you. We would very much appreciate your taking a few minutes to give us your opinions, suggestions, and comments about the preparation this employee received based on your experience with him/her. Please return the completed survey to us in the enclosed postage-paid business reply envelope by January 31. Naturally all responses will be kept strictly confidential and reported as group data only.

If you have any questions or comments about this study, please give us a call at 469-8500, ext. 3441. Thank you for your cooperation.

Sincerely,

Jeffrey A. Seybert, Director
Research, Evaluation and
Instructional Development

Enclosures

February 3. 1993

Dear Employer:

A couple of weeks ago we wrote asking you to evaluate a former student who is now working for you. Our records indicate we have not yet received your completed survey.

In addition to being most interested in your evaluation of the student who is now your employee, we look forward to hearing your views of the community college career program your employee completed. Any suggestions you have to help us improve our programs and services to better meet the needs of future employers of community college career program completers are always most welcome.

If you have already mailed your completed survey, just ignore this reminder. However, in the event the form was misplaced, we are enclosing a second copy together with another preaddressed stamped evelope for your convenience in returning the completed survey to us. We would appreciate receiving it by February 10 if at all possible to provide sufficient time to submit the required state report on career program completers. Thank you for your help.

Sincerely,

Jeffrey A. Seybert, Director
Research, Evaluation and
Instructional Development

Enclosures

APPENDIX E

COMPARISON OF INITIAL MAIL

RESPONSES WITH TELEPHONE RESPONSES

COMPARISON OF INITIAL MAIL
RESPONSES WITH TELEPHONE RESPONSES

	Initial Mail Responses (n=243)	Telephone Responses (n=215)
Sex		
Male	35.8%	44.7%
Female	63.0	54.0
Unknown	1.2	1.3
Age		
Under 25 years of age	27.5%	40.5%
26 to 35	30.5	40.0
36 to 50	30.0	17.2
Over 50	4.5	0.9
Unknown	7.5	1.4
Method of Completion		
Earned associate's degree	73.3%	60.0%
Earned certificate	20.6	24.7
Left with marketable skills	5.8	13.0
Unknown	0.3	2.3
Current Status		
Employed in job related to career program	78.2%	73.0%
Employed in job unrelated to career program	7.8	9.8
Pursuing additional education and not employed	7.8	9.8
Unemployed, looking for work	2.9	4.7
Out of labor force	2.5	2.3
Military/unknown	0.8	0.4

COMPARISON OF INITIAL MAIL RESPONSES WITH
TELEPHONE RESPONSES (continued)

	Initial Mail Responses (n=243)	Telephone Responses (n=215)
Hourly Wage [1]		
Under $ 5.00	3.1%	2.0%
$ 5.01 to 7.00	14.5	13.3
7.01 to 8.00	9.4	8.7
8.01 to 9.00	13.8	14.7
9.01 to 10.00	11.3	8.7
10.01 to 11.00	5.7	9.3
11.01 to 12.00	10.1	8.0
12.01 to 13.00	5.0	4.7
13.01 to 14.00	5.0	8.0
14.01 to 15.00	6.9	8.7
Over 15.00	15.1	14.0
Average Hourly Wage	$11.07	$11.06
Job Satisfaction [2]		
Satisfied	75.3%	93.6%
Neutral	8.4	1.9
Dissatisfied	11.6	3.8
Unknown	4.7	0.6

Note. [1] Results detail responses to this question only, excluding unknowns.

[2] Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" data include "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" data include "somewhat dissatisfied" and "very dissatisfied" responses combined.